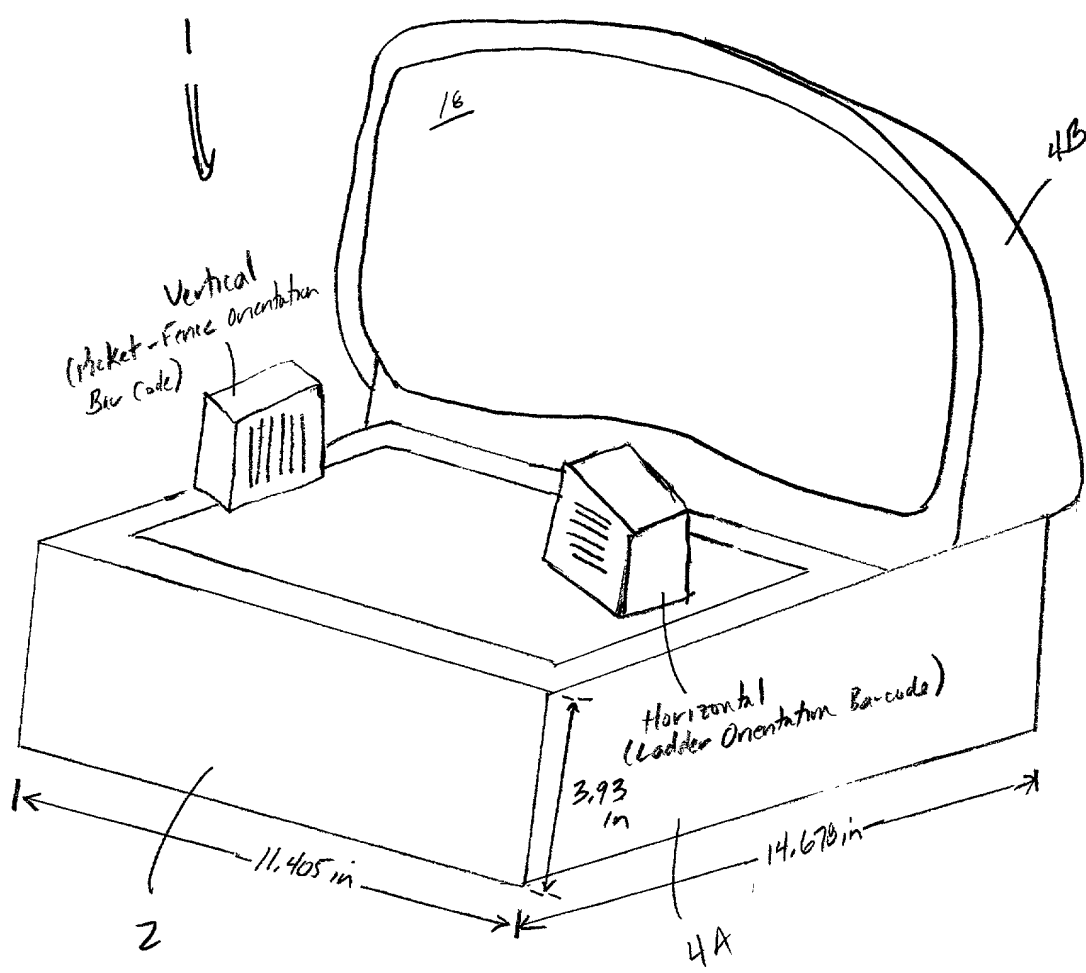


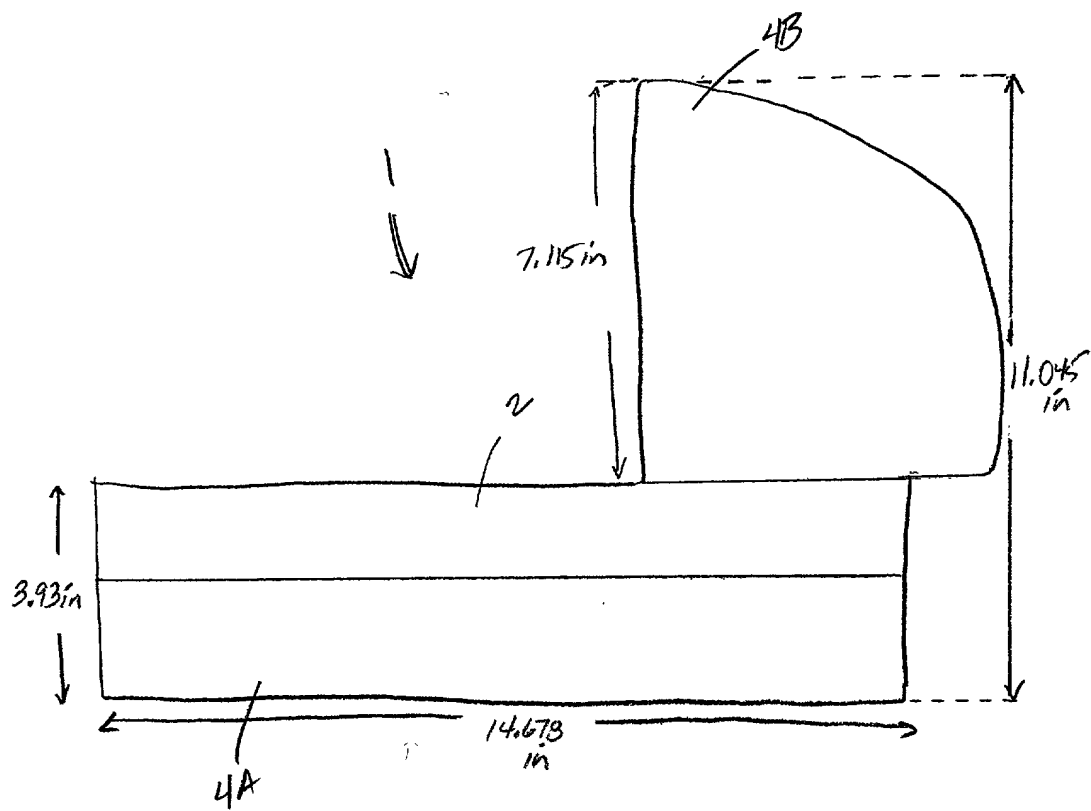
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FIG 1A



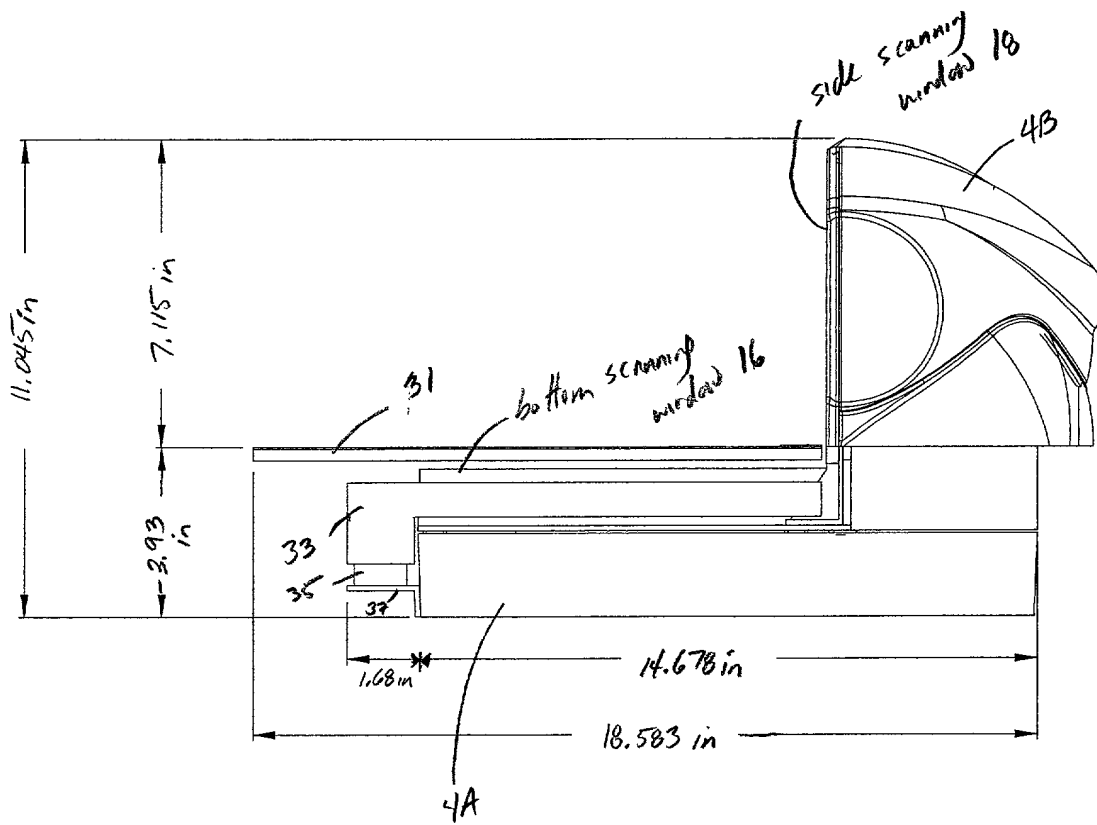
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FIG. 1B



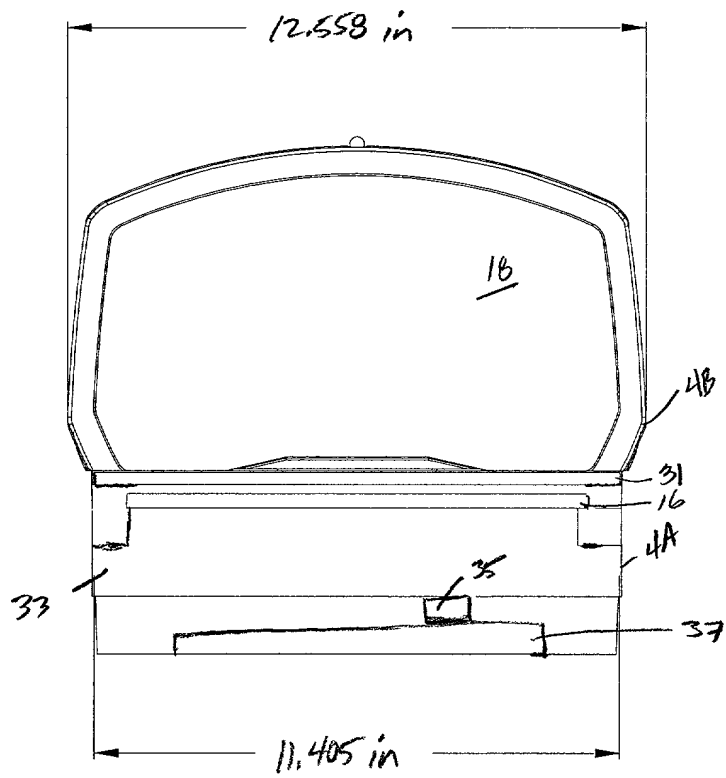
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FIG. 1C



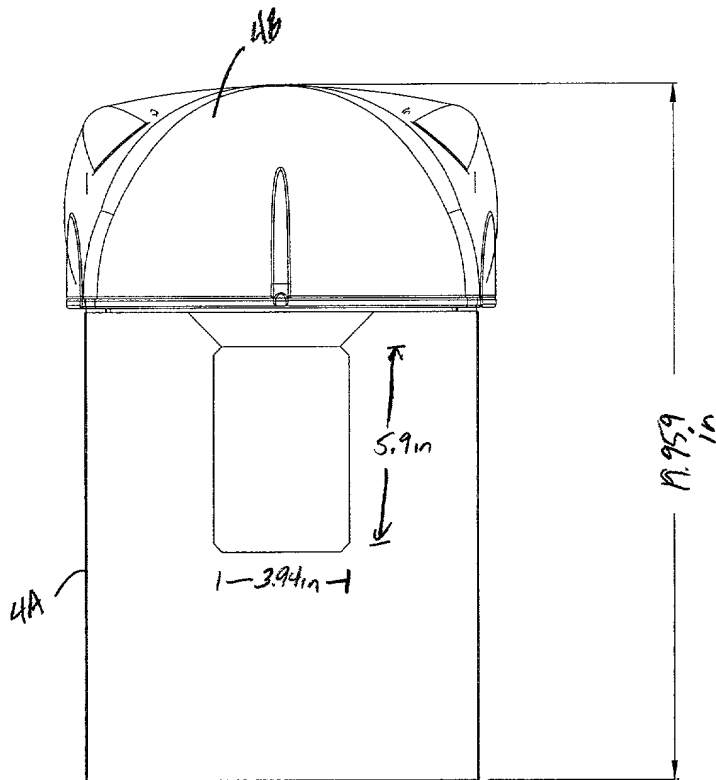
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FIG 1D



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FIG. 1E



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FIG. 1F

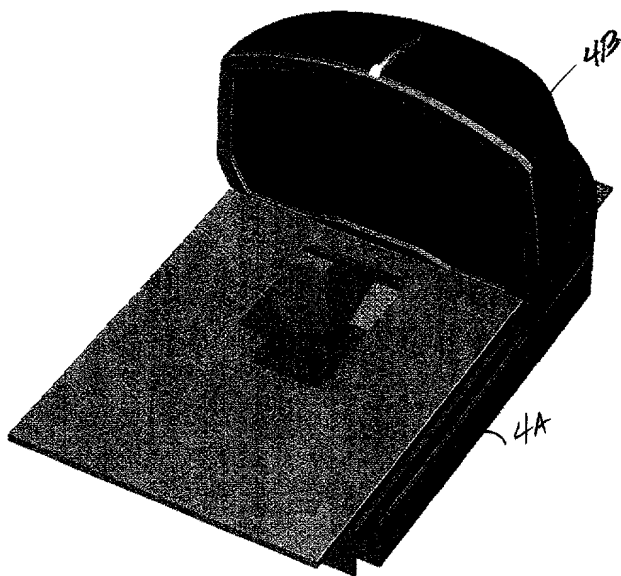
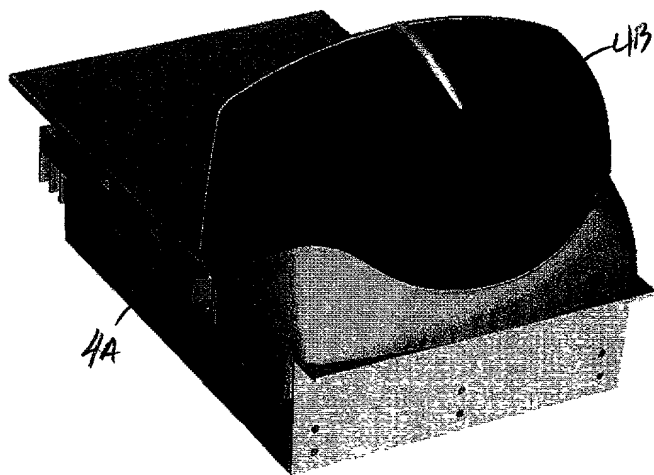


FIG. 1G



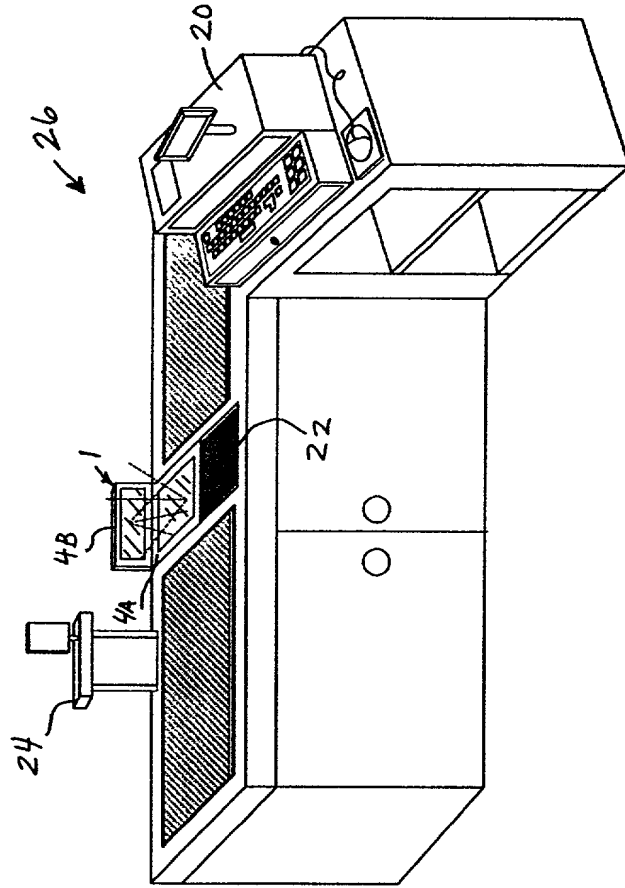


FIG. 14

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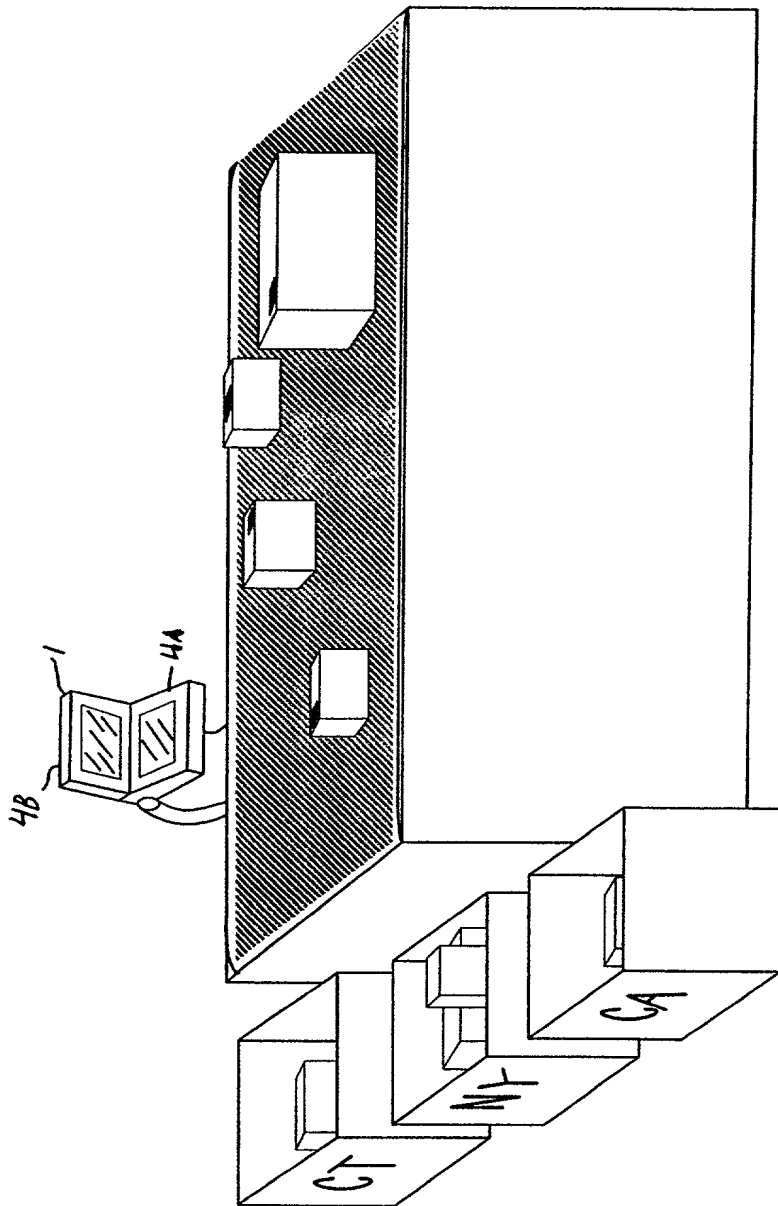
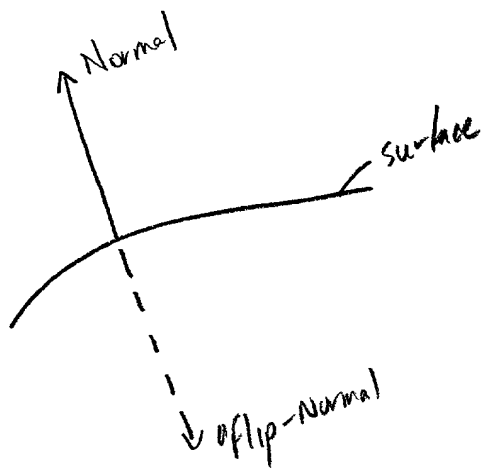


FIG. 1F

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FIG. 1J



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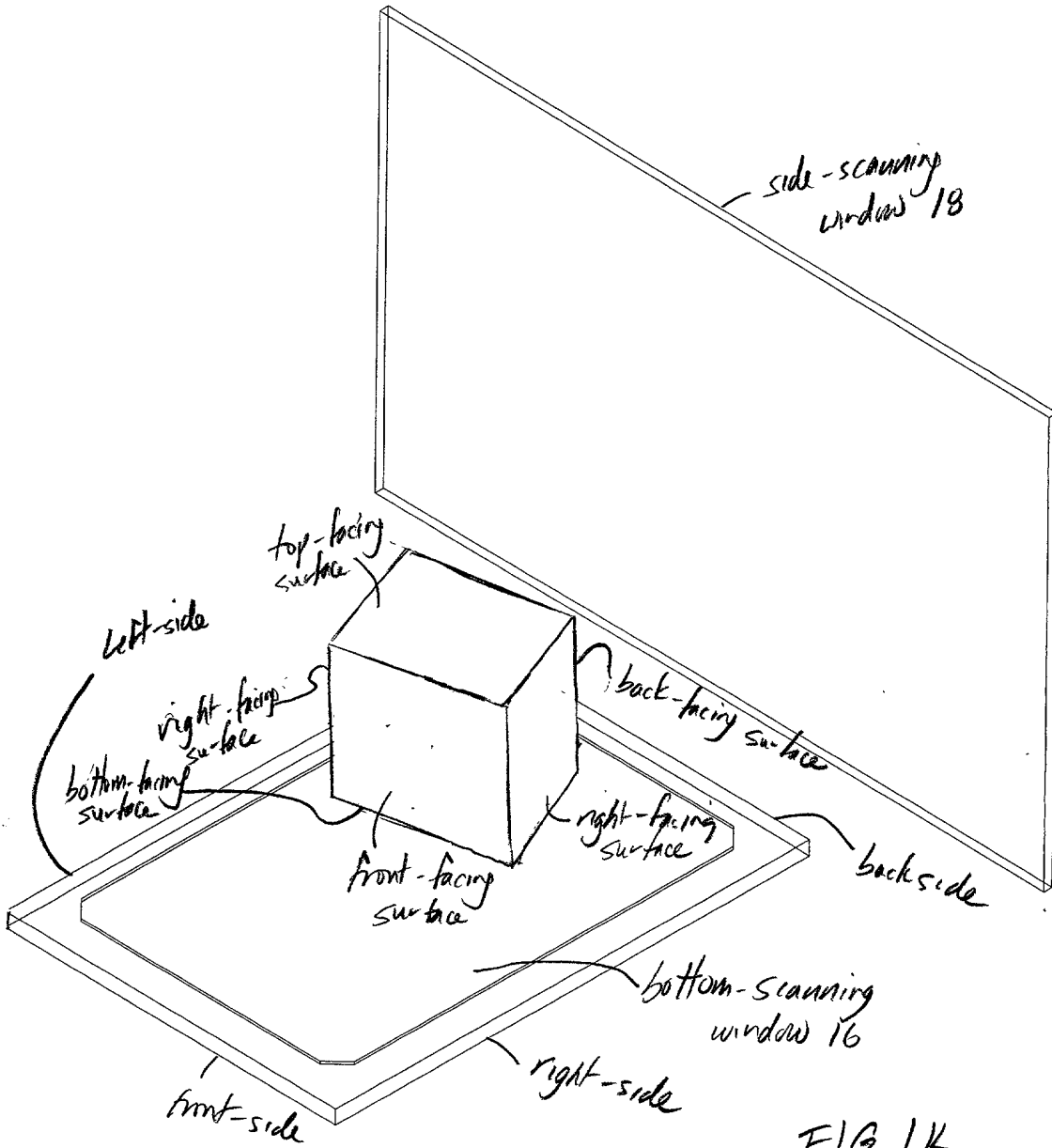


FIG. 1K

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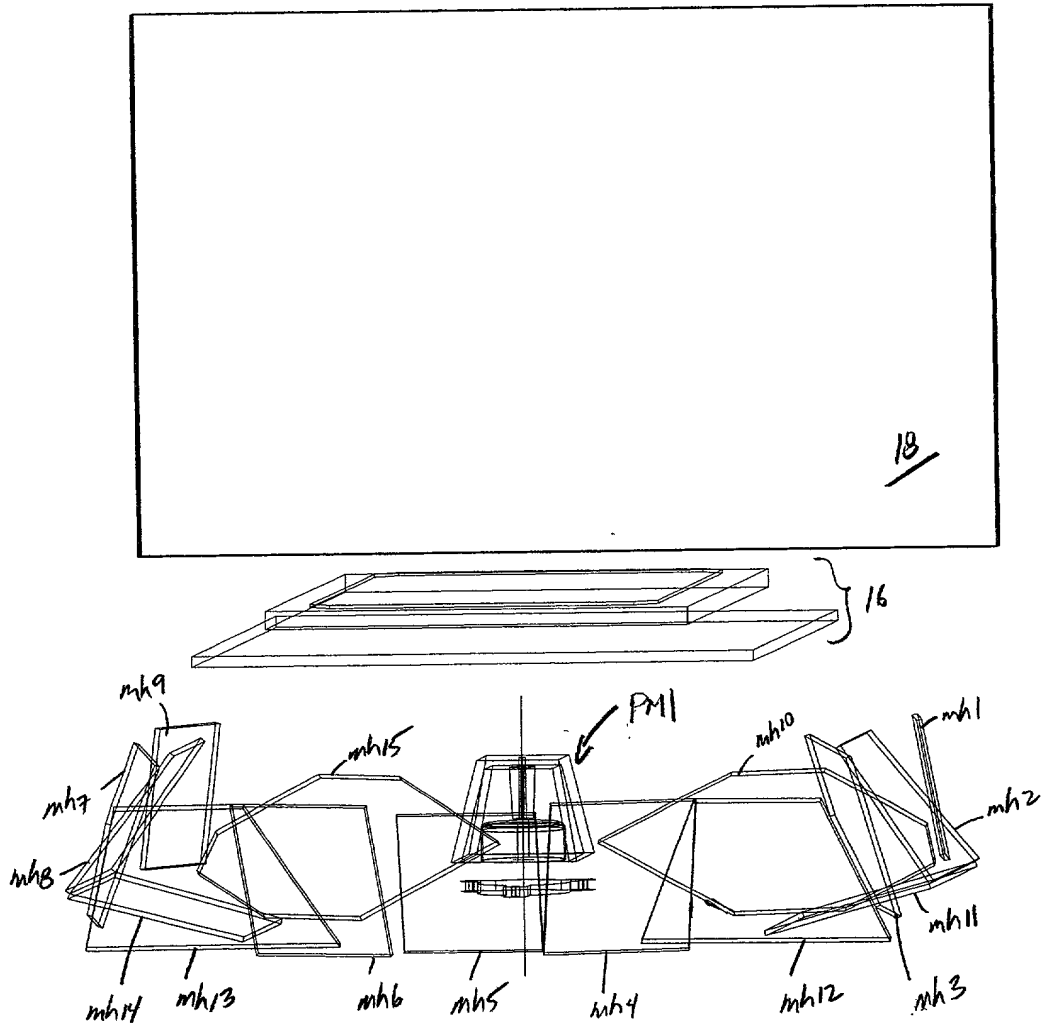


FIG 2A

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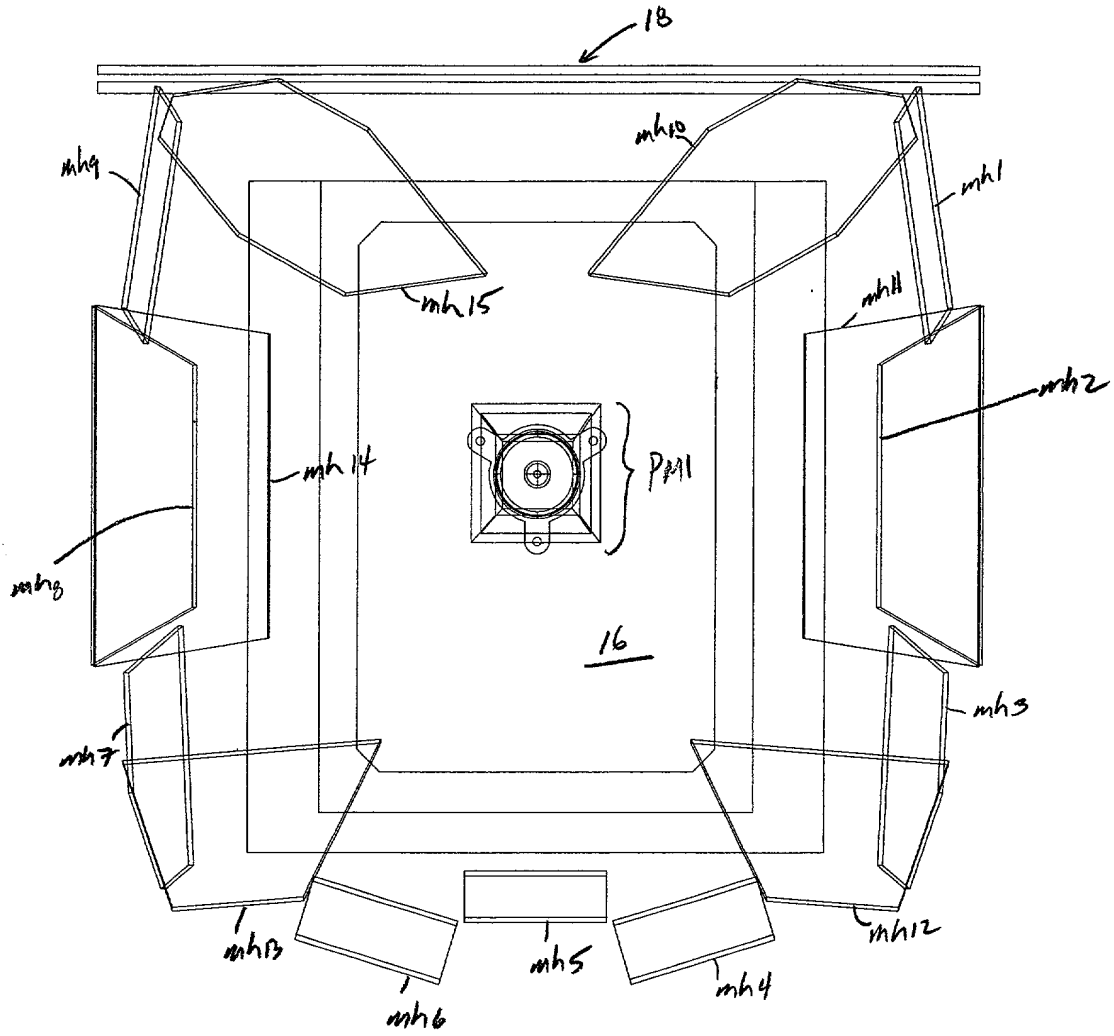


FIG. 2B

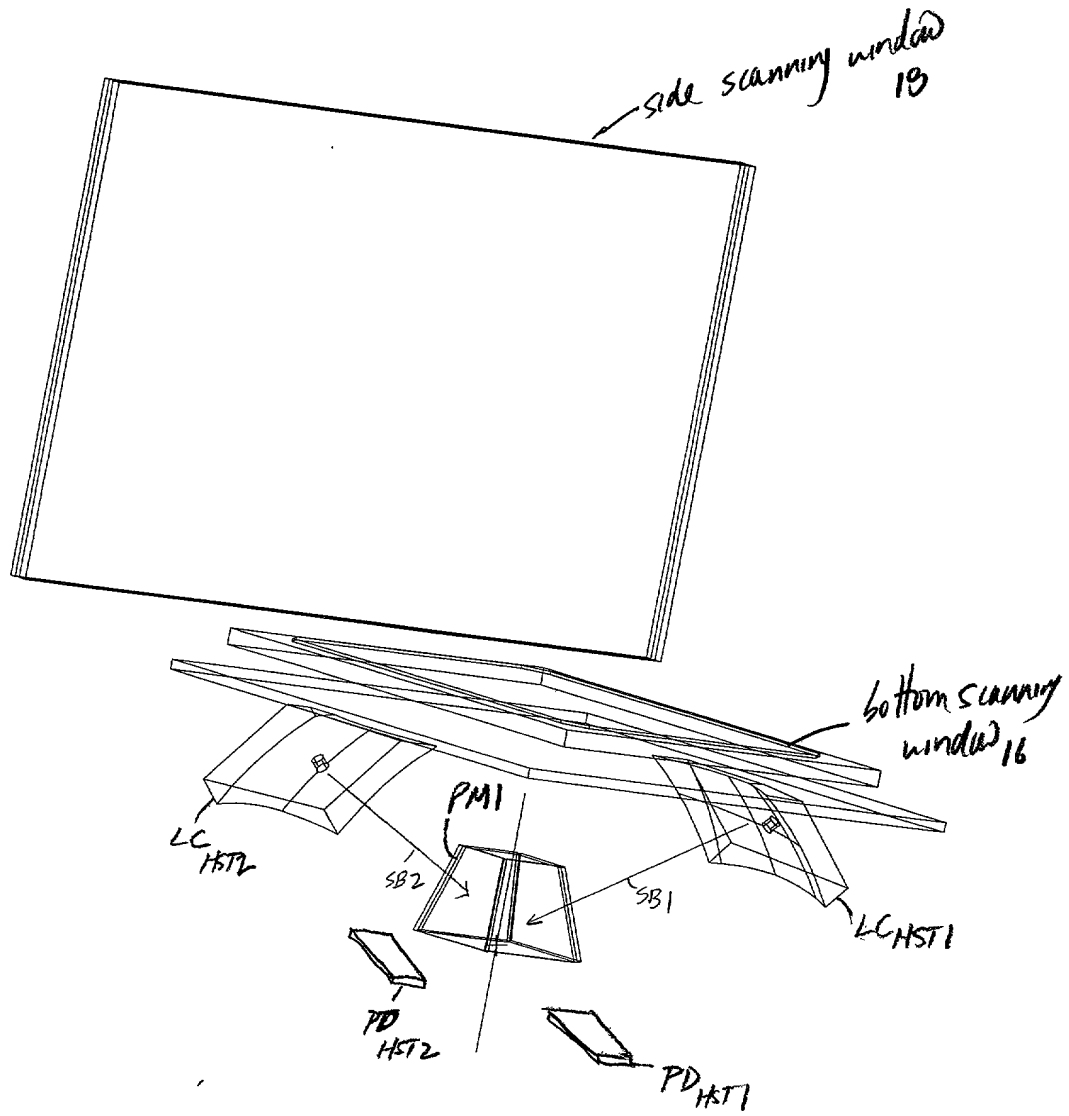


FIG. 2CT

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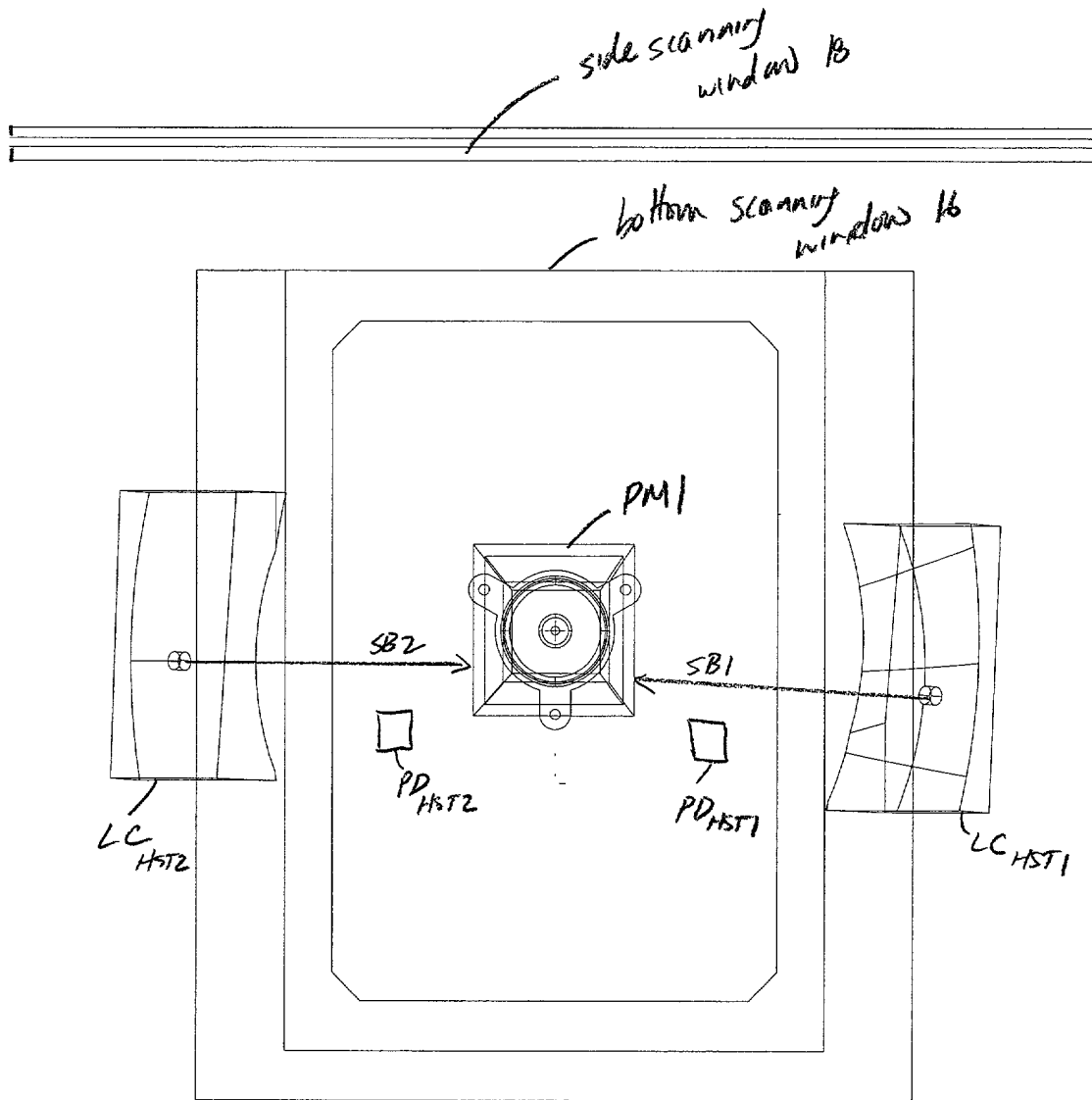


FIG. 2C2

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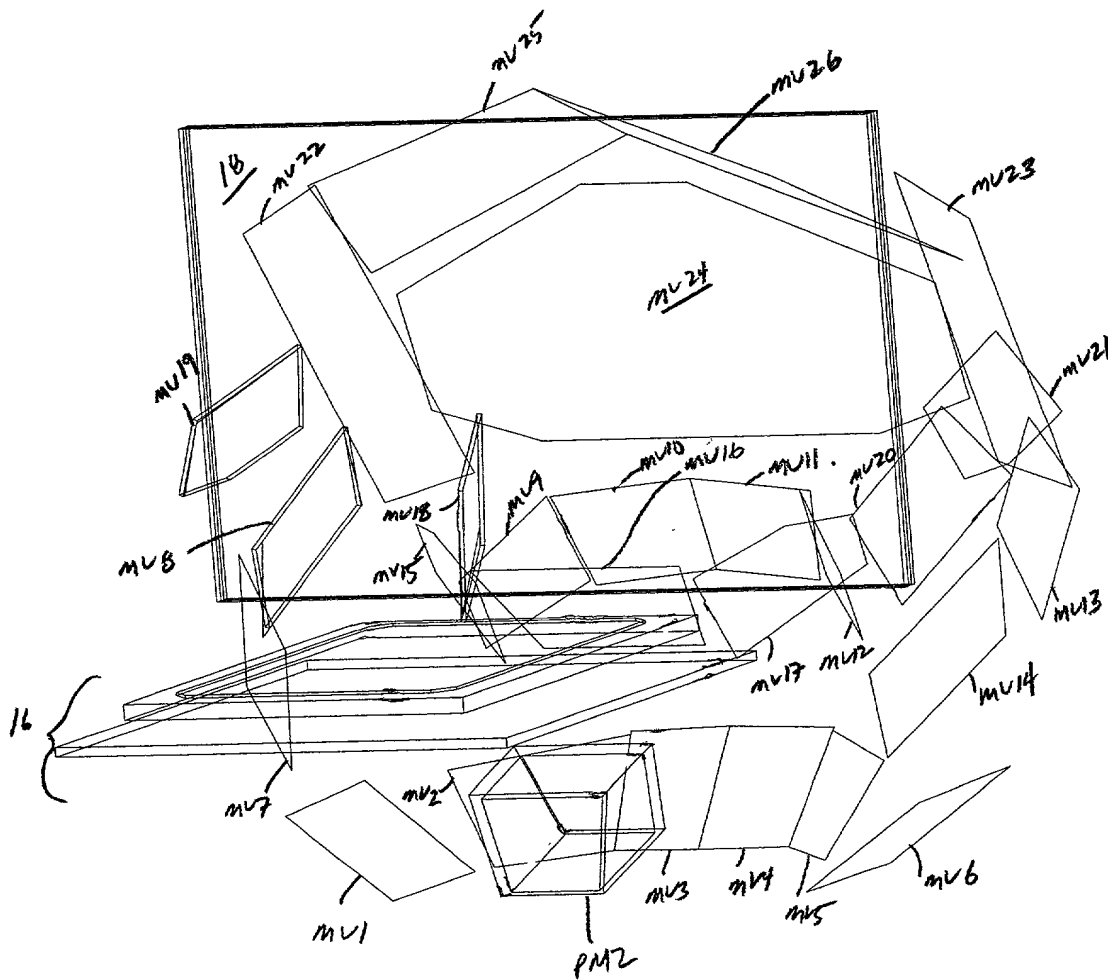


FIG 2D

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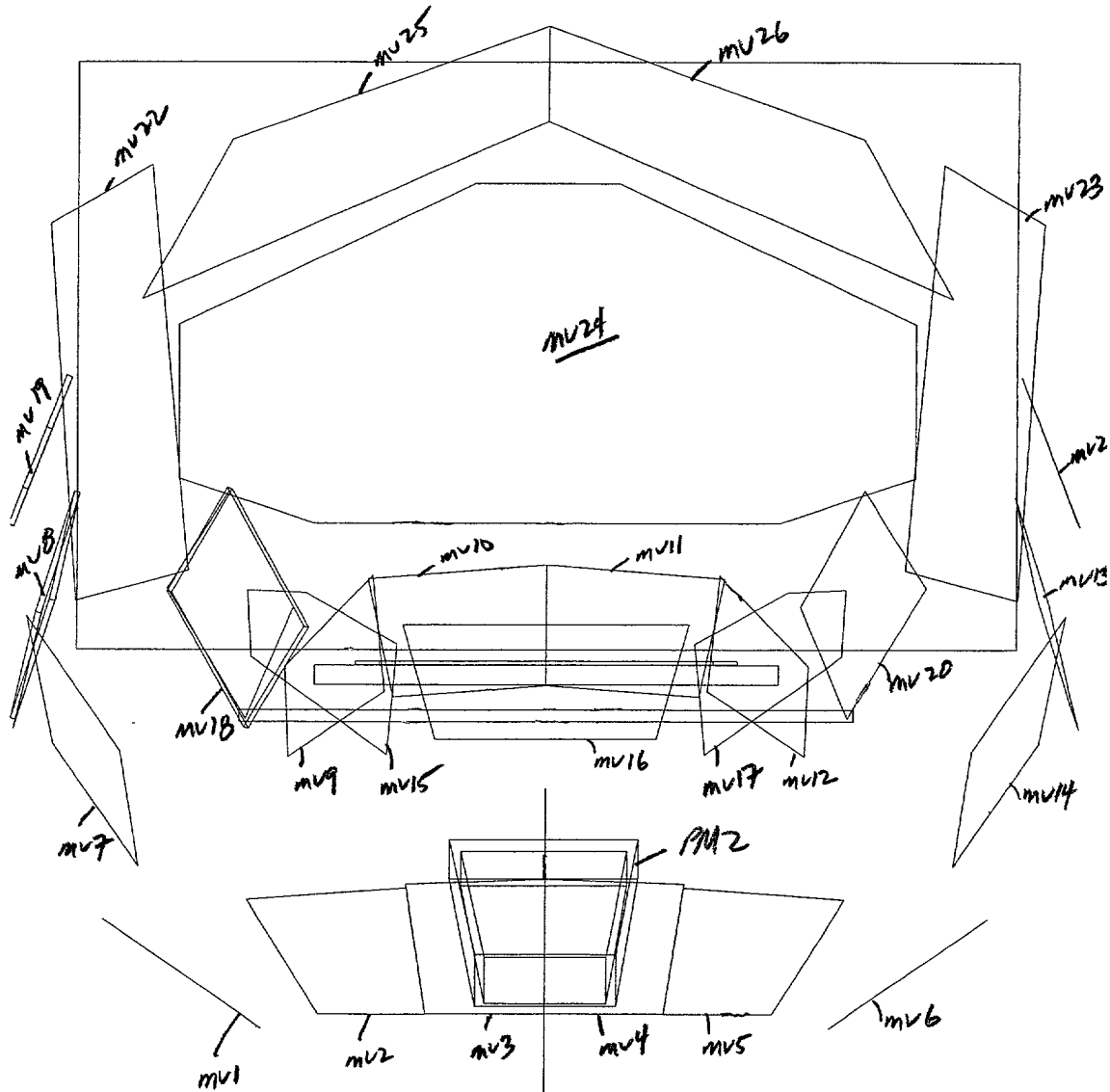


FIG. 2E

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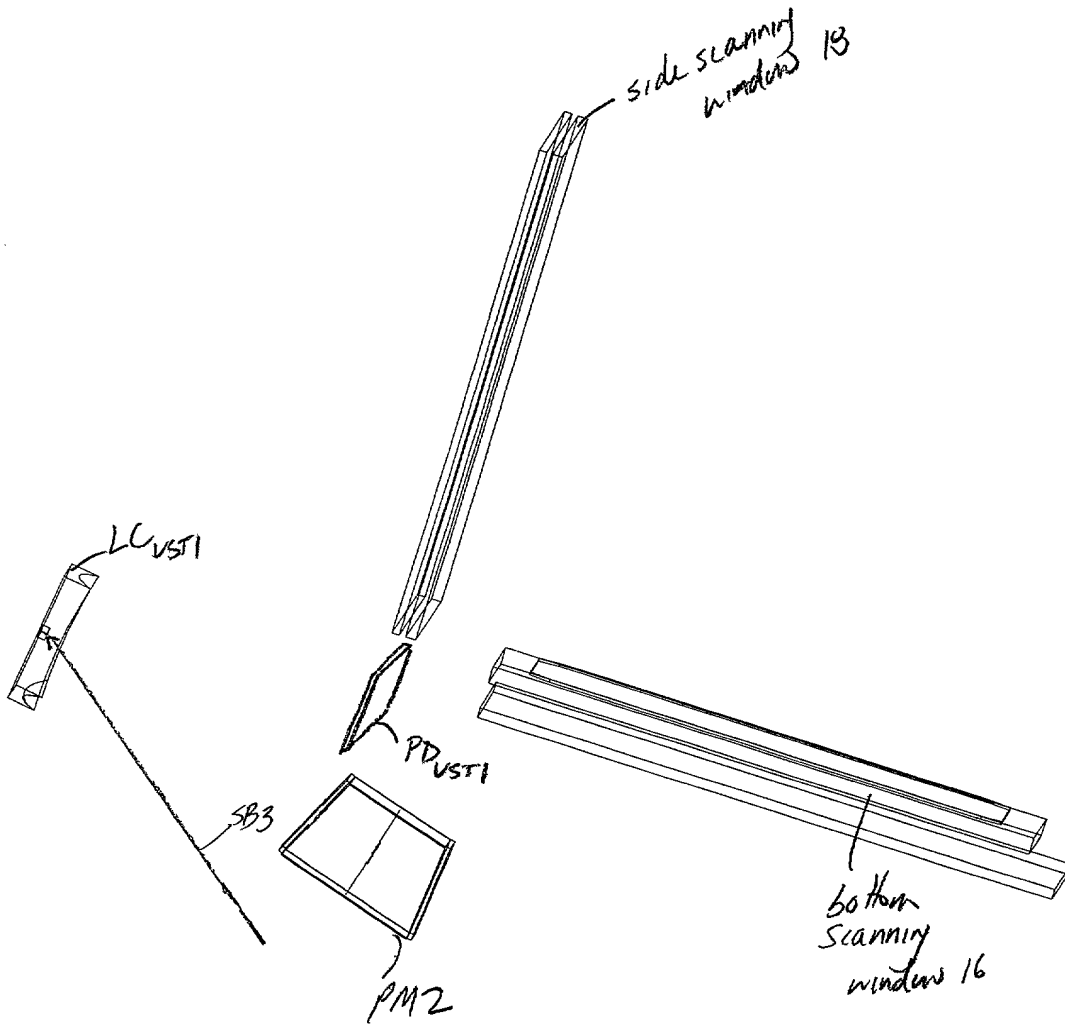
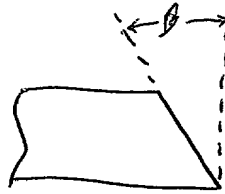


FIG. 2F

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First Polygon PM1

$$\beta_1 = 11.6^\circ$$

$$\beta_2 = 13.3^\circ$$

$$\beta_3 = 14.9^\circ$$

$$\beta_4 = 16.6^\circ$$

Second Polygon PM2

$$\beta_1 = 10^\circ$$

$$\beta_2 = 12^\circ$$

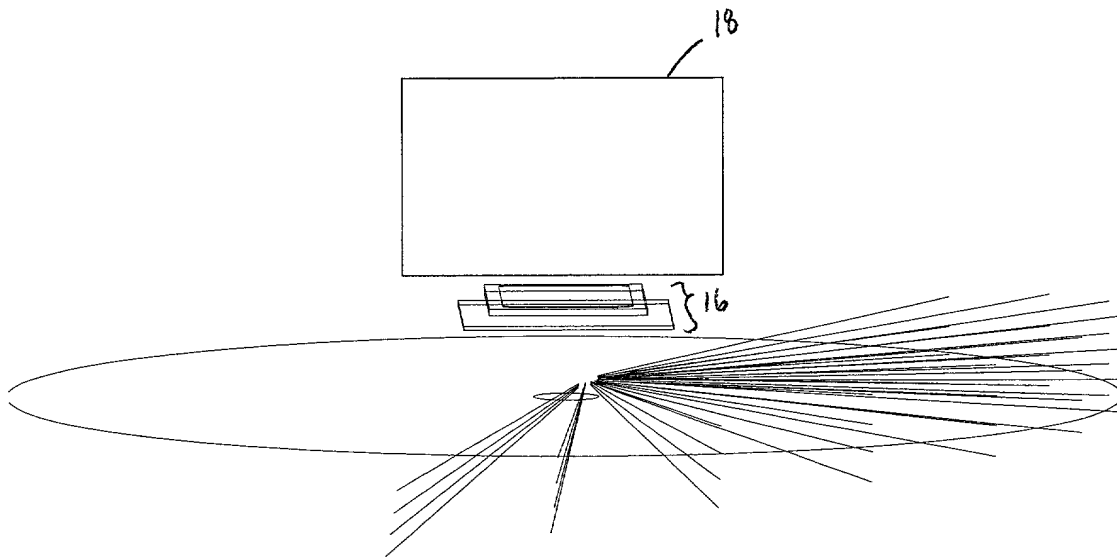
$$\beta_3 = -10^\circ$$

$$\beta_4 = -12^\circ$$

FIG. 261

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FIG. 262



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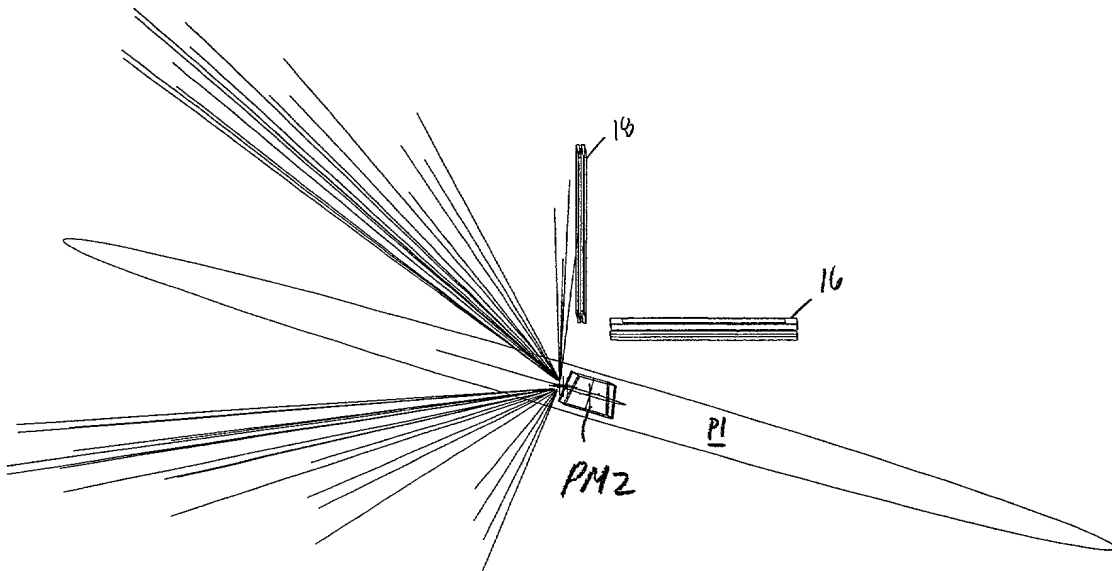


FIG 263

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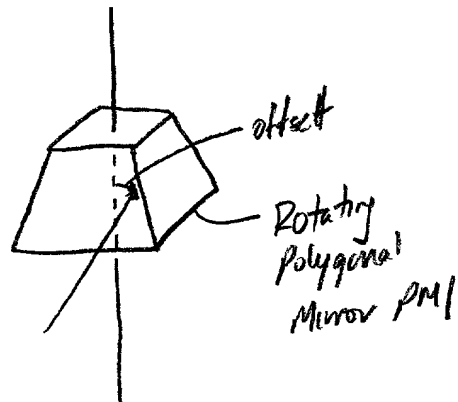
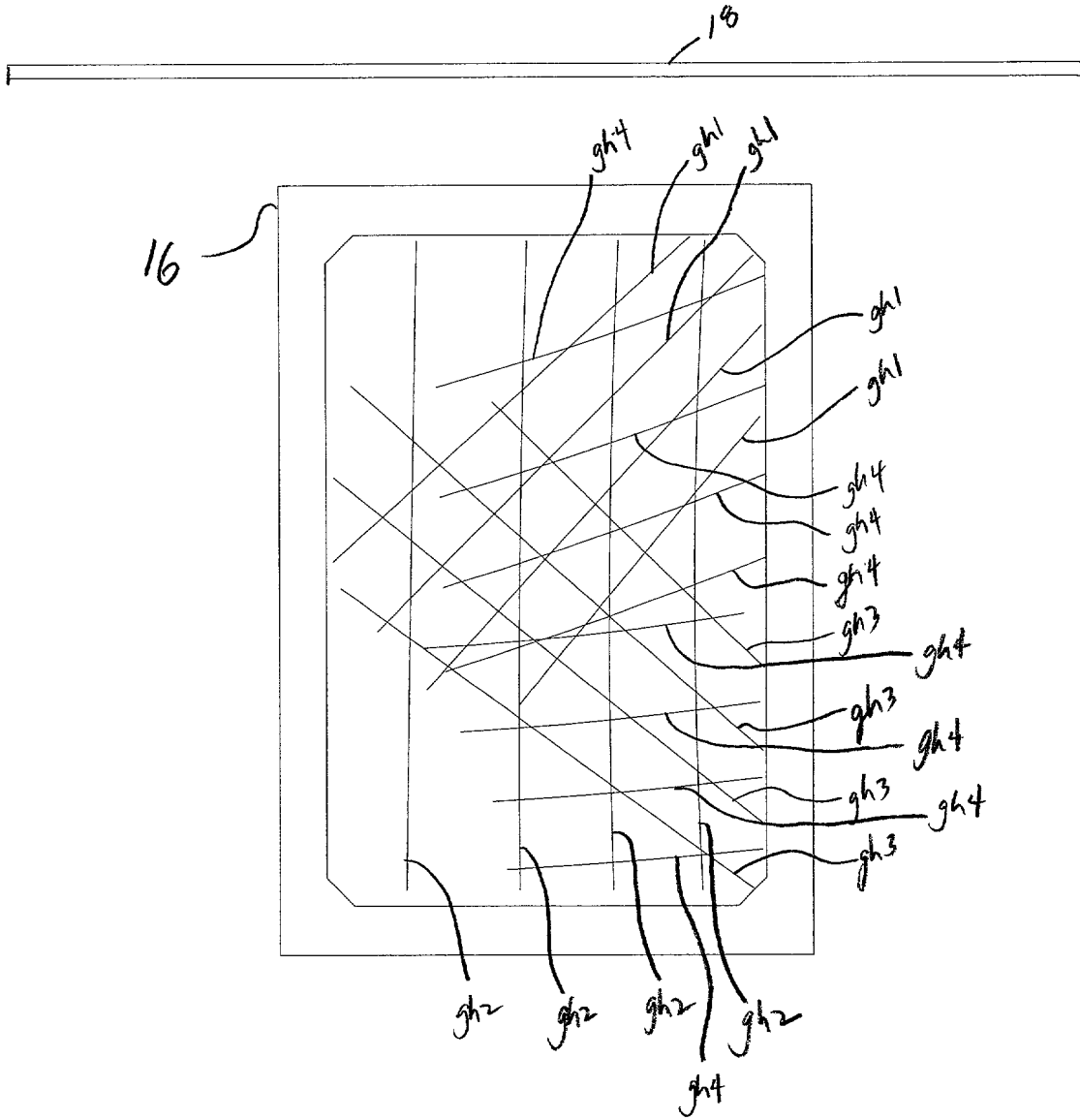


FIG. 2H

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FIG. 3A



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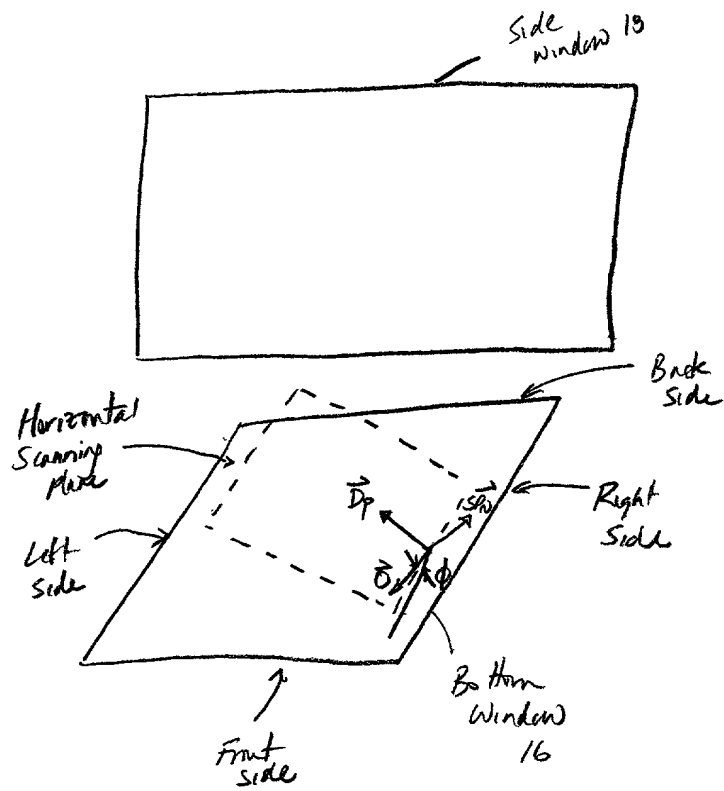


Fig. 3B1

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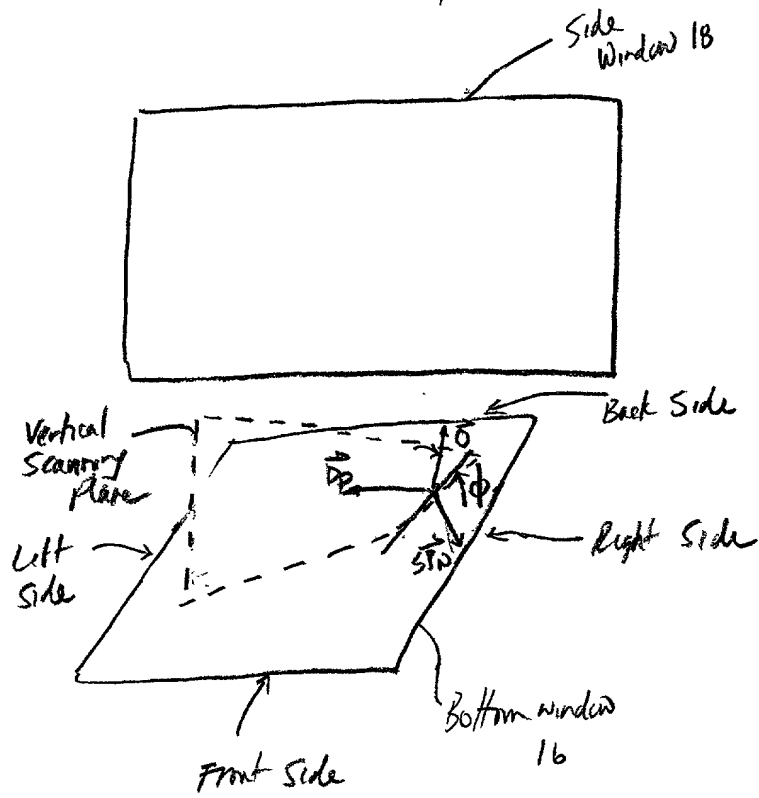


FIG. 3B2

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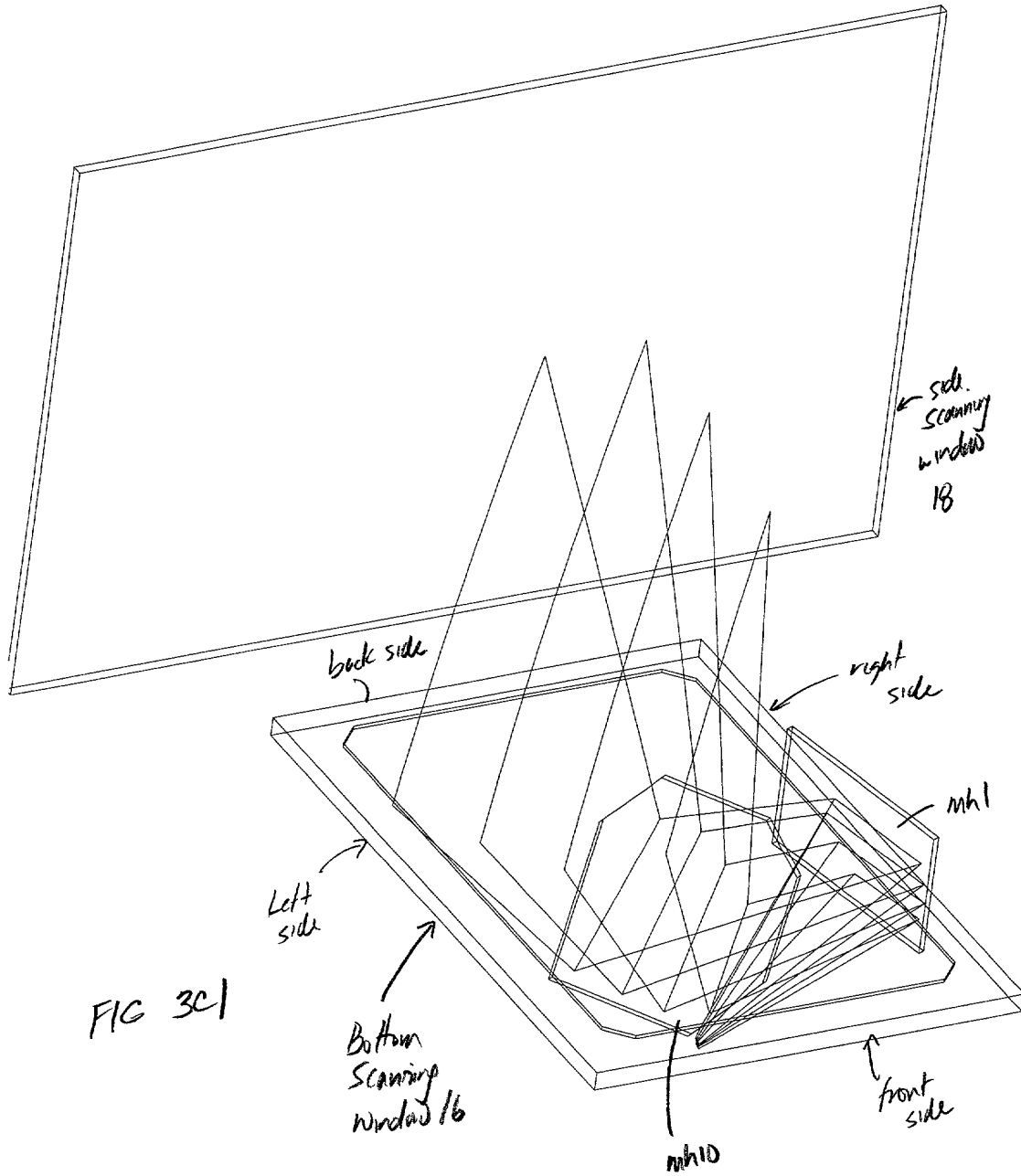
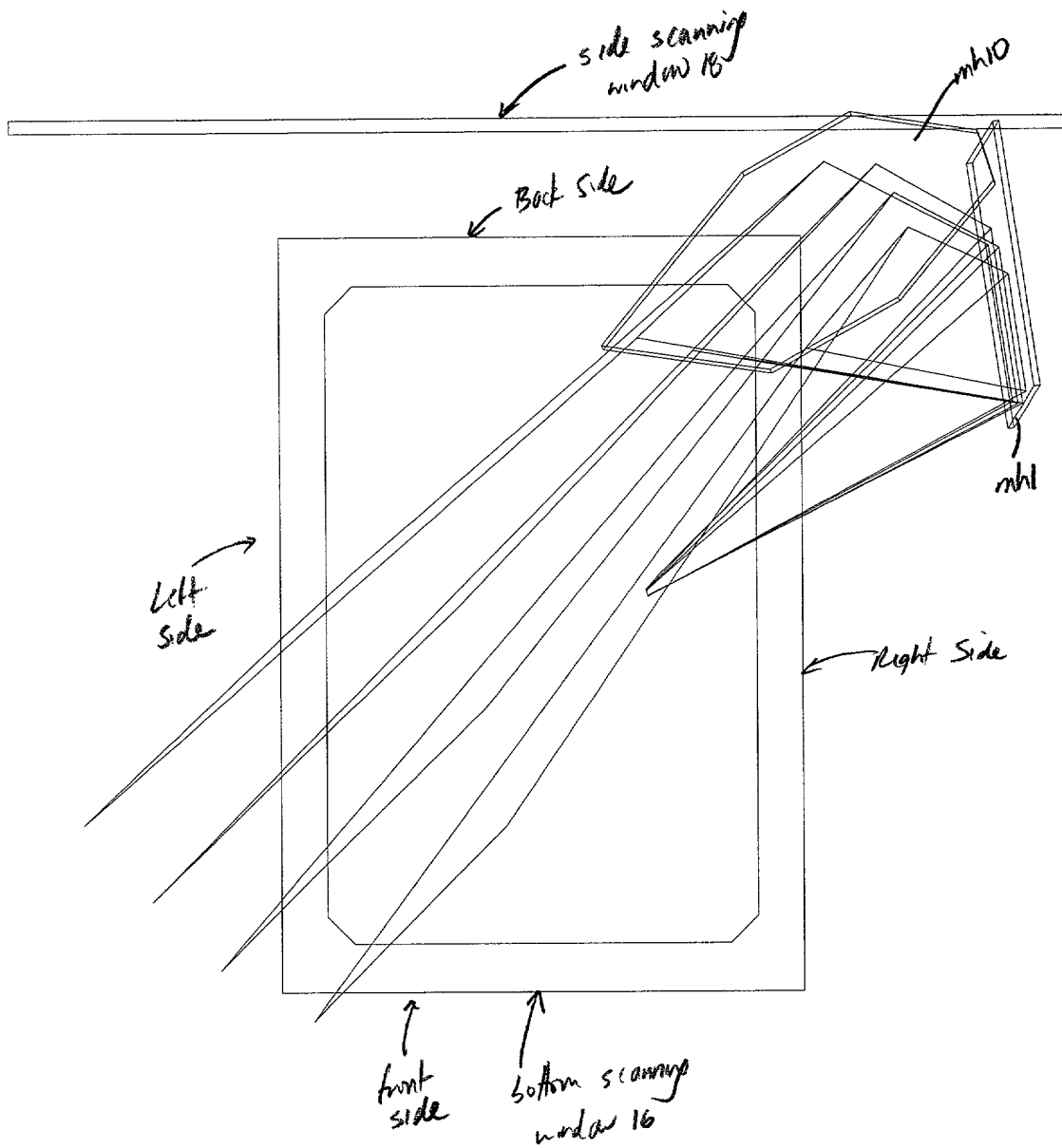


FIG 3C1

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FIG. 3C2



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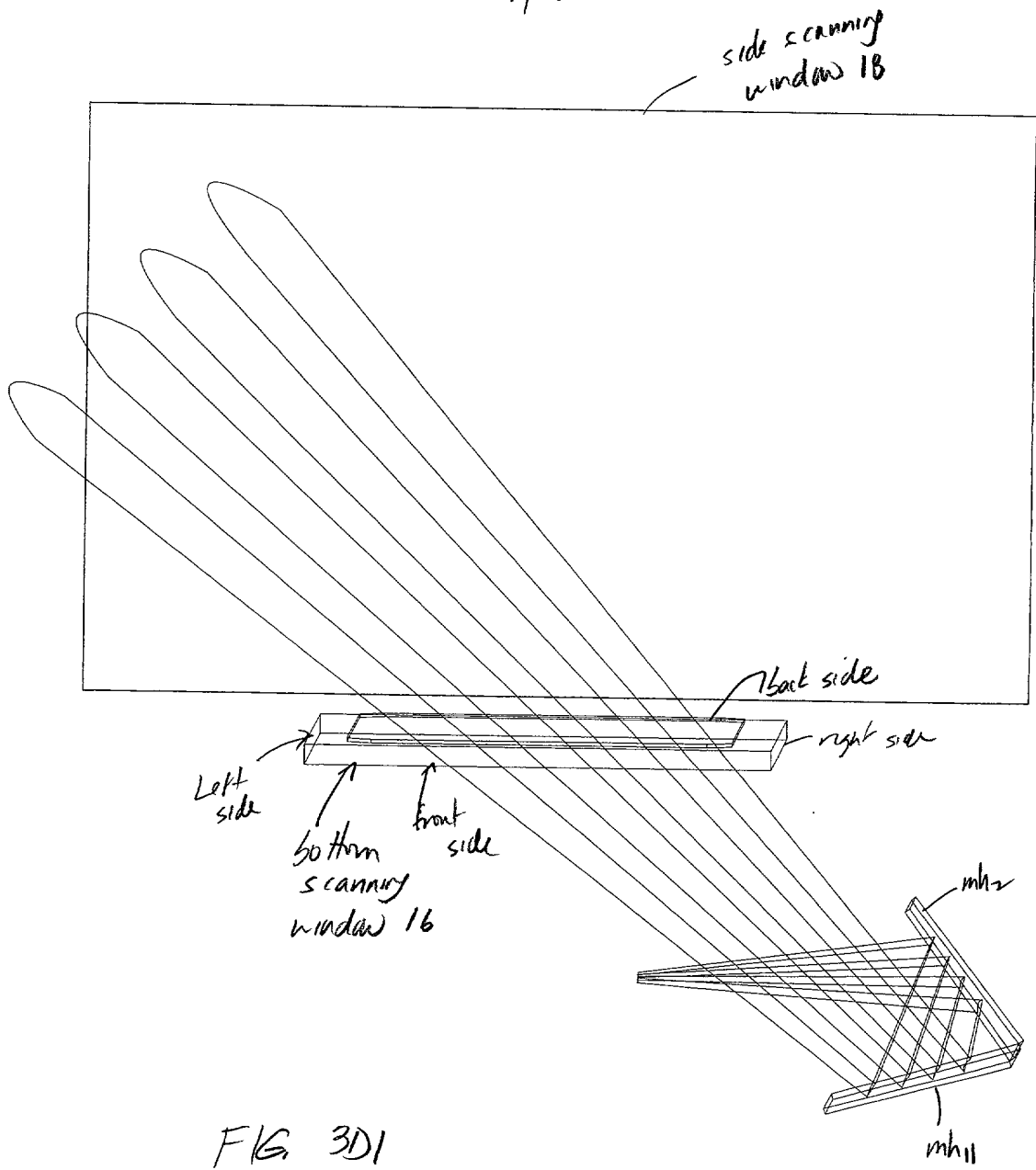


FIG 3D1

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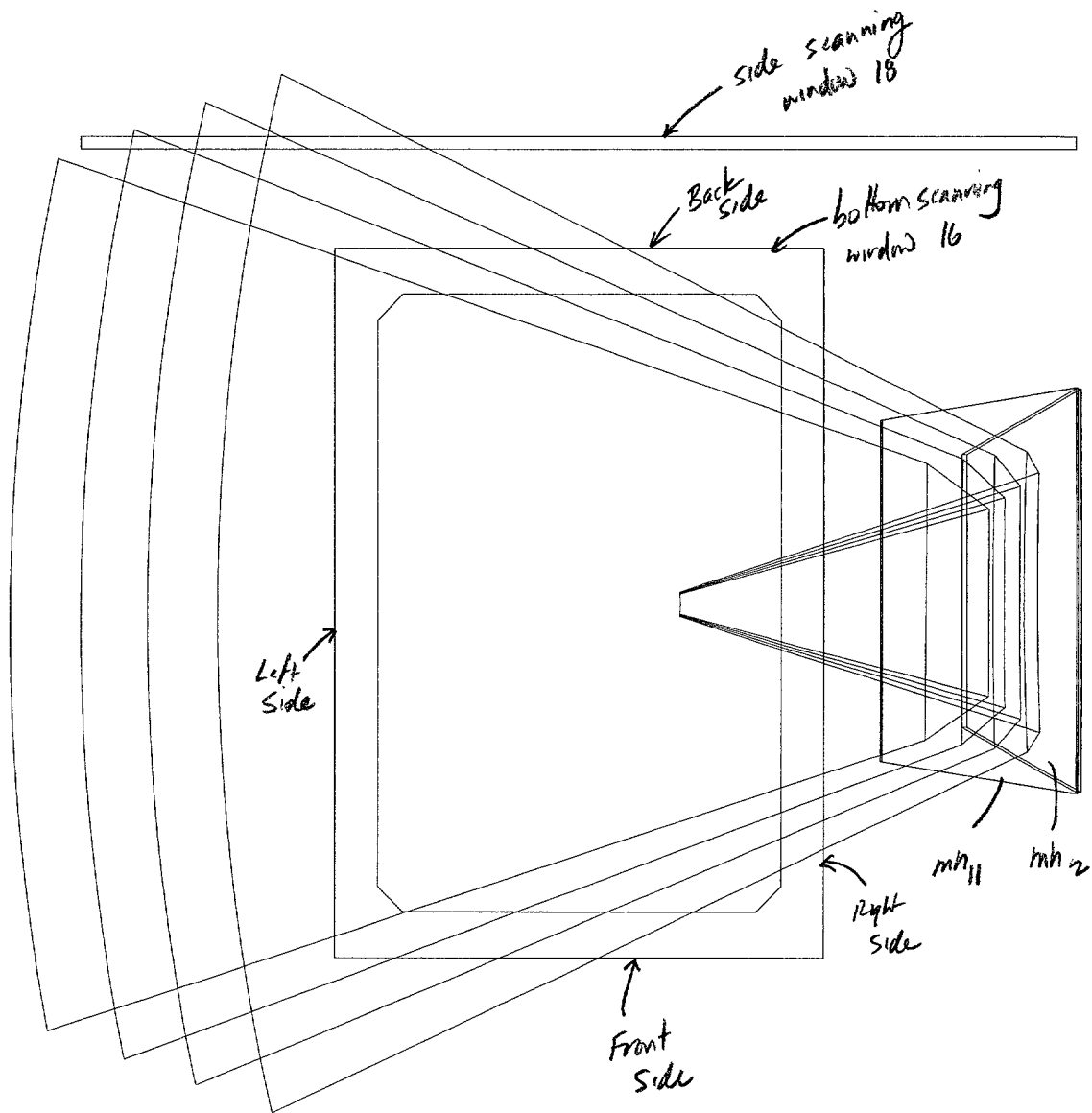


FIG. 3D2

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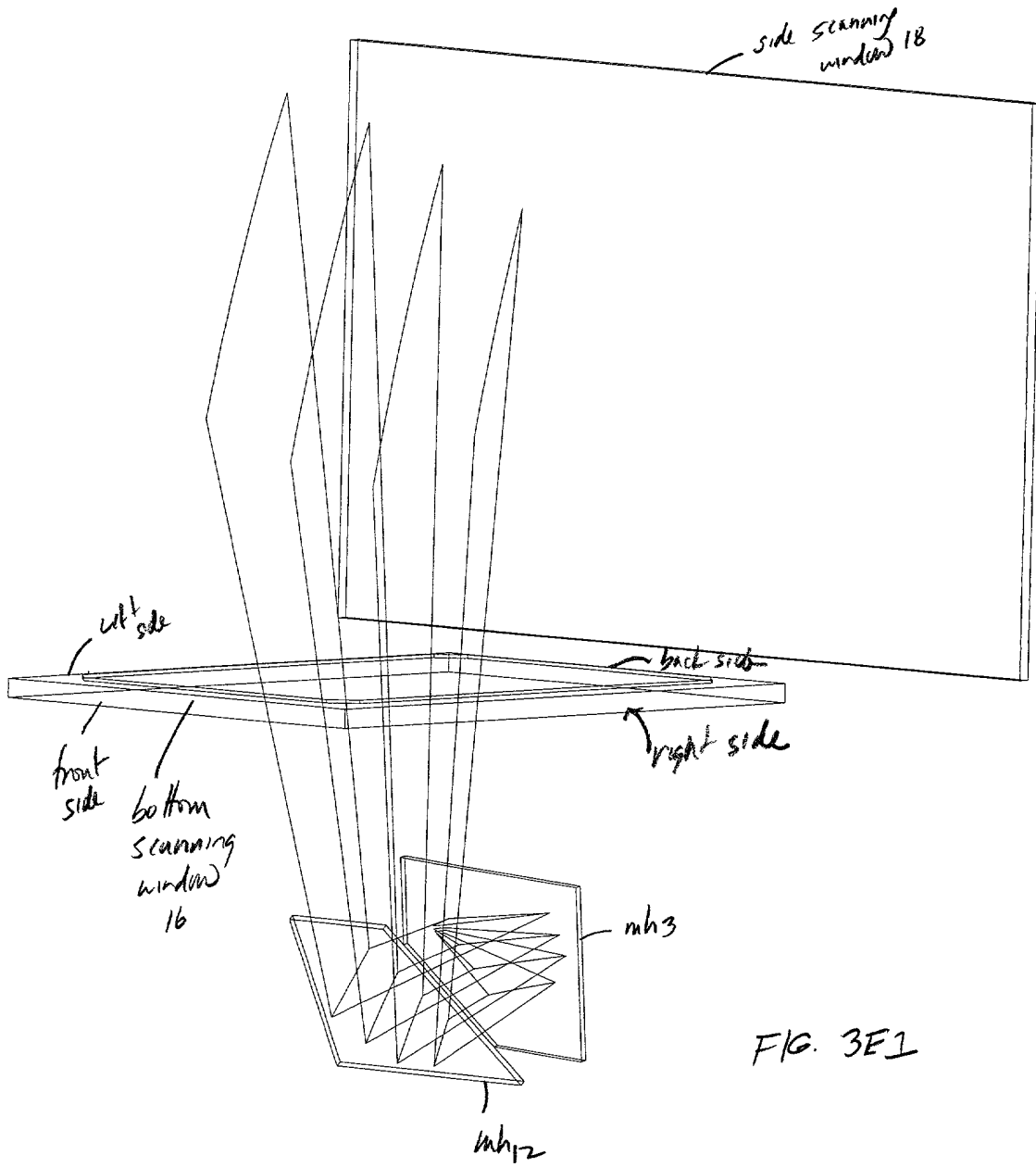


FIG. 3E1

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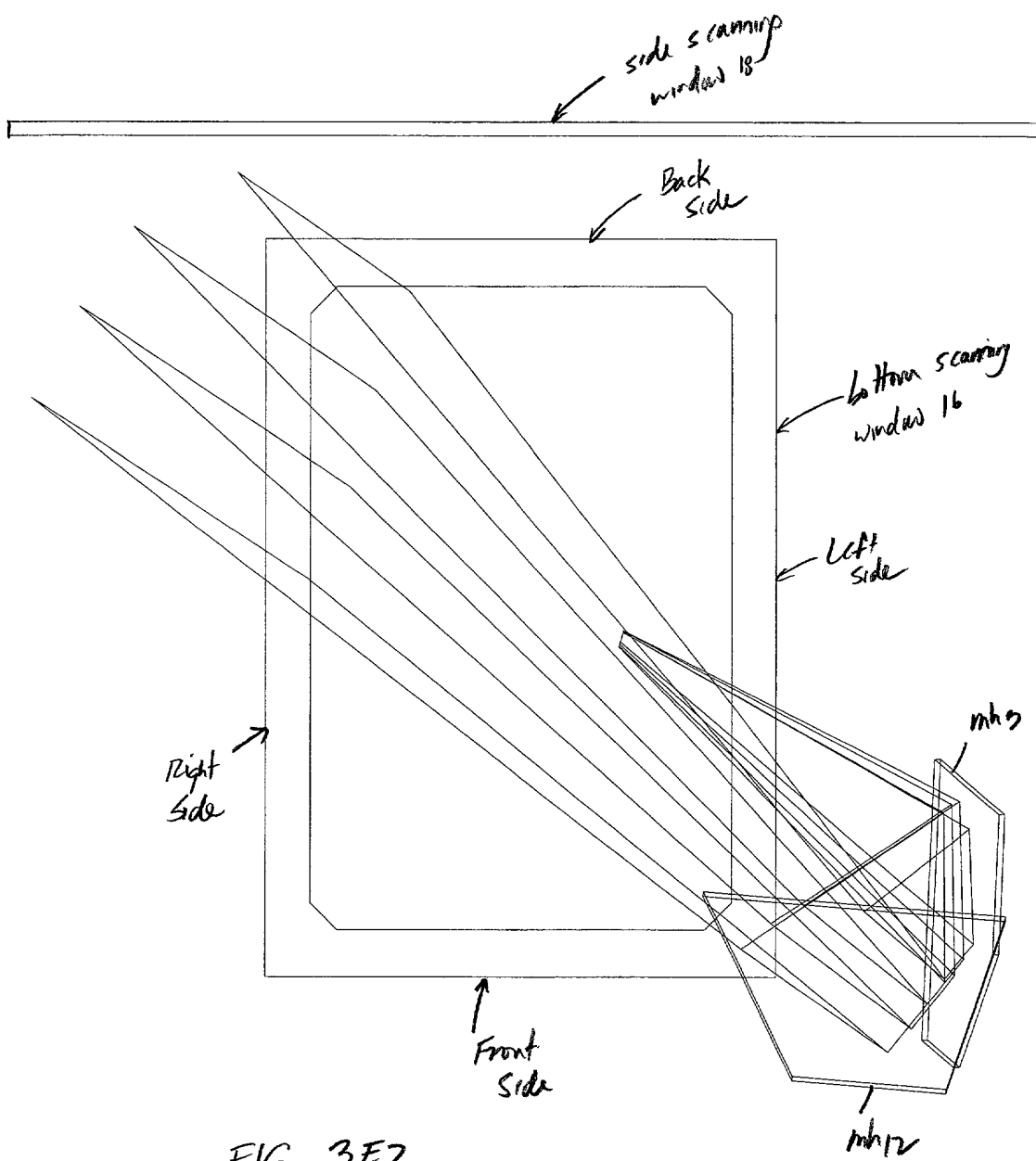


FIG. 3E2

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side scanning window 18

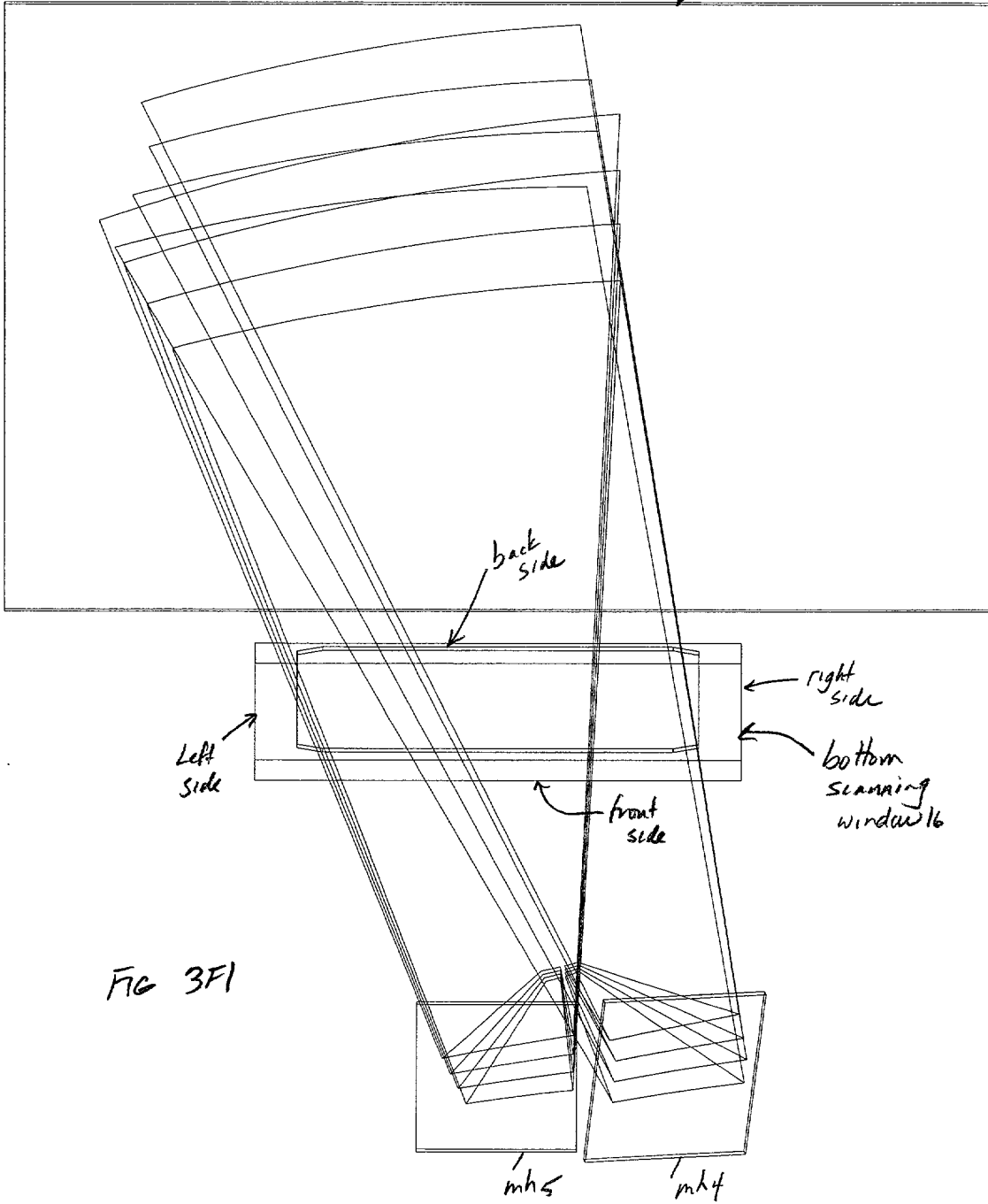


FIG 3F1

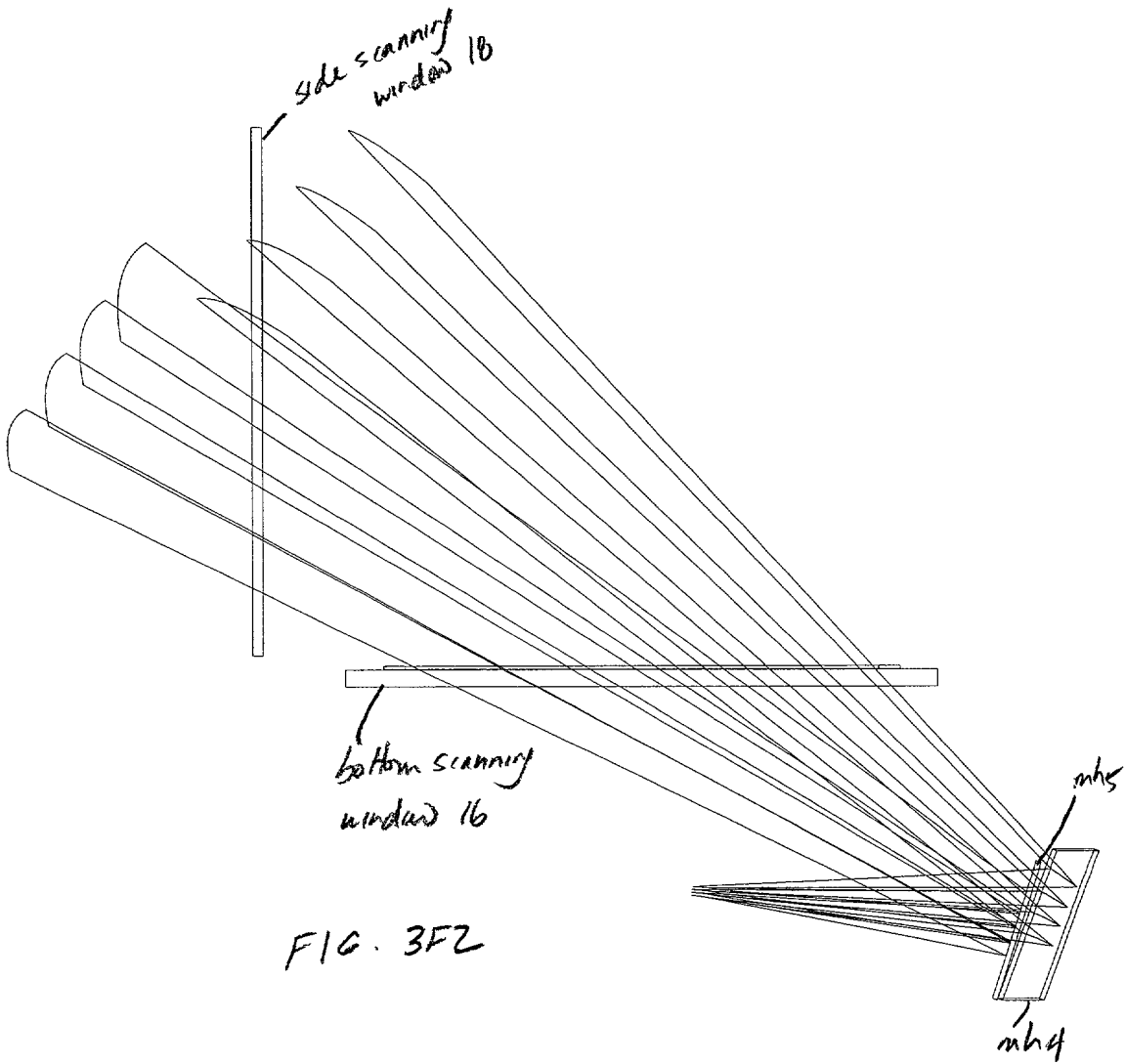
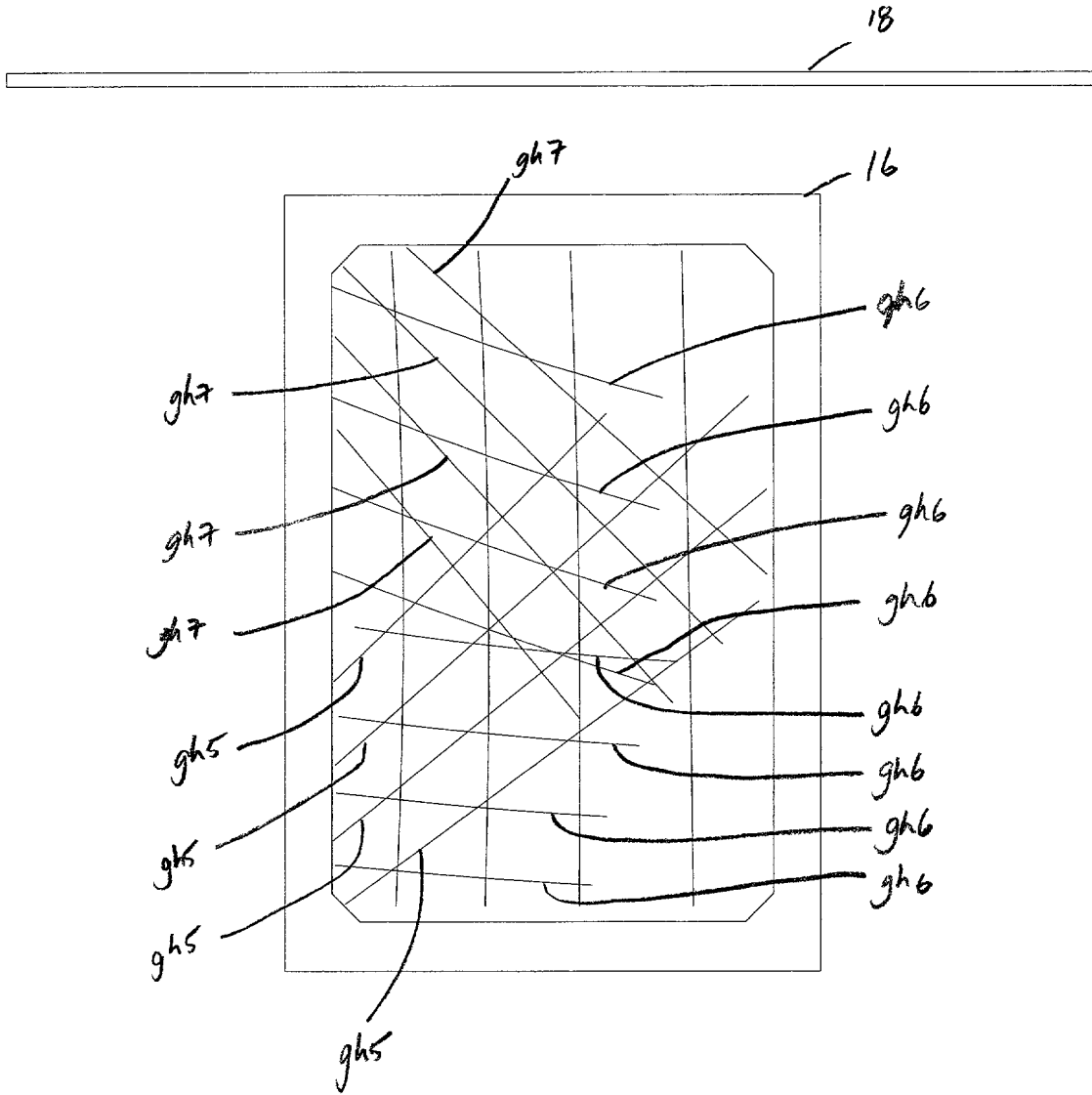
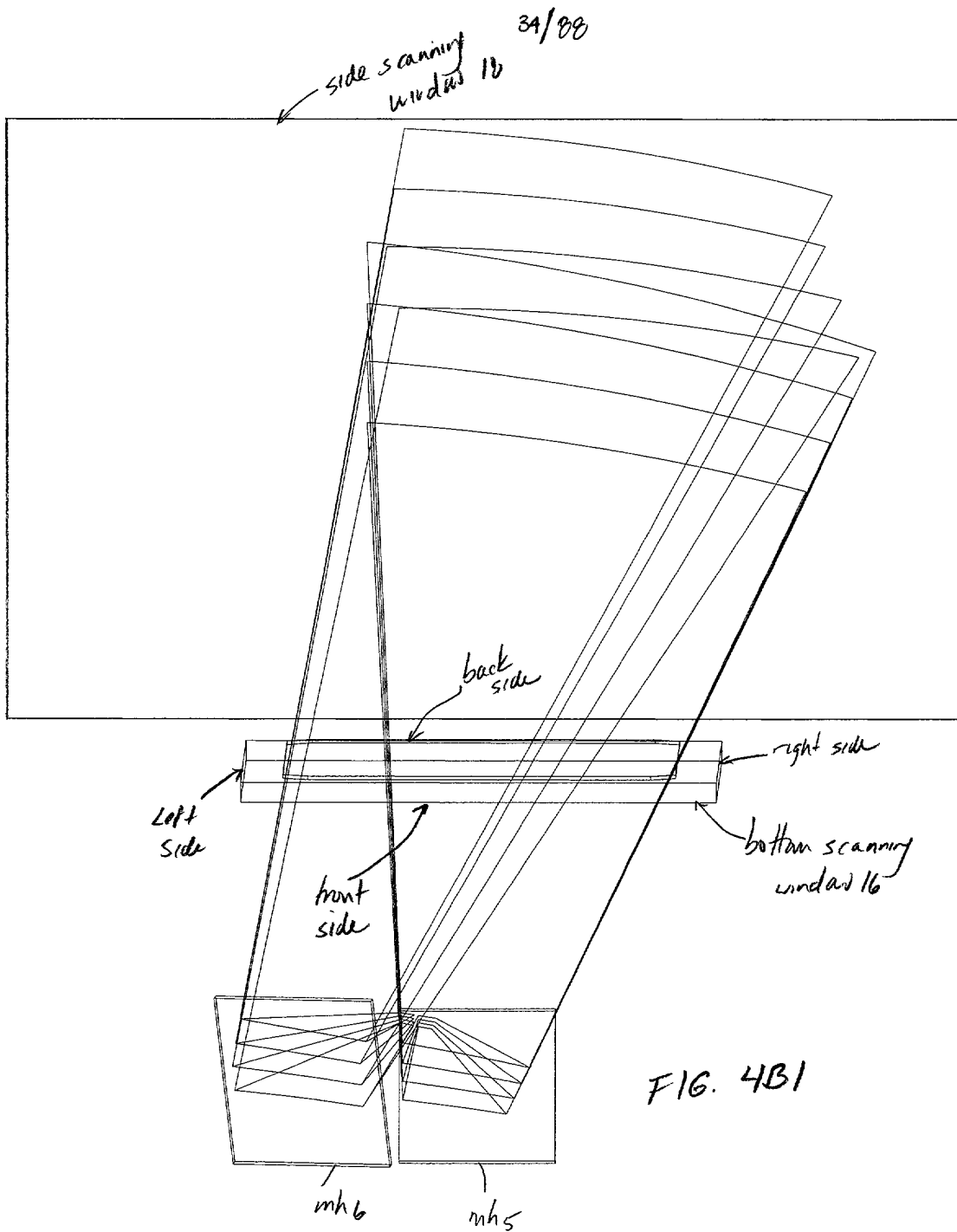


FIG. 4A





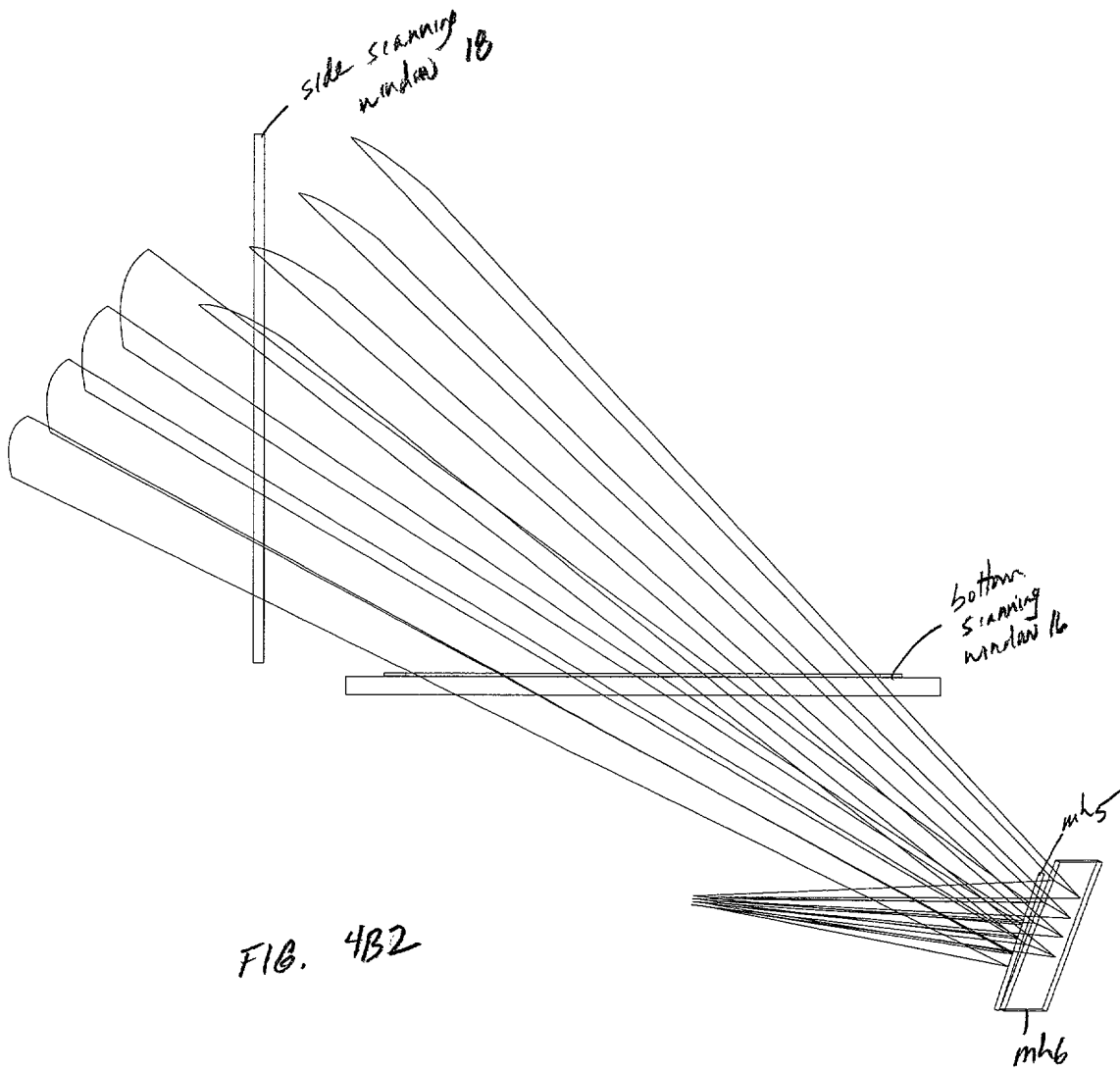
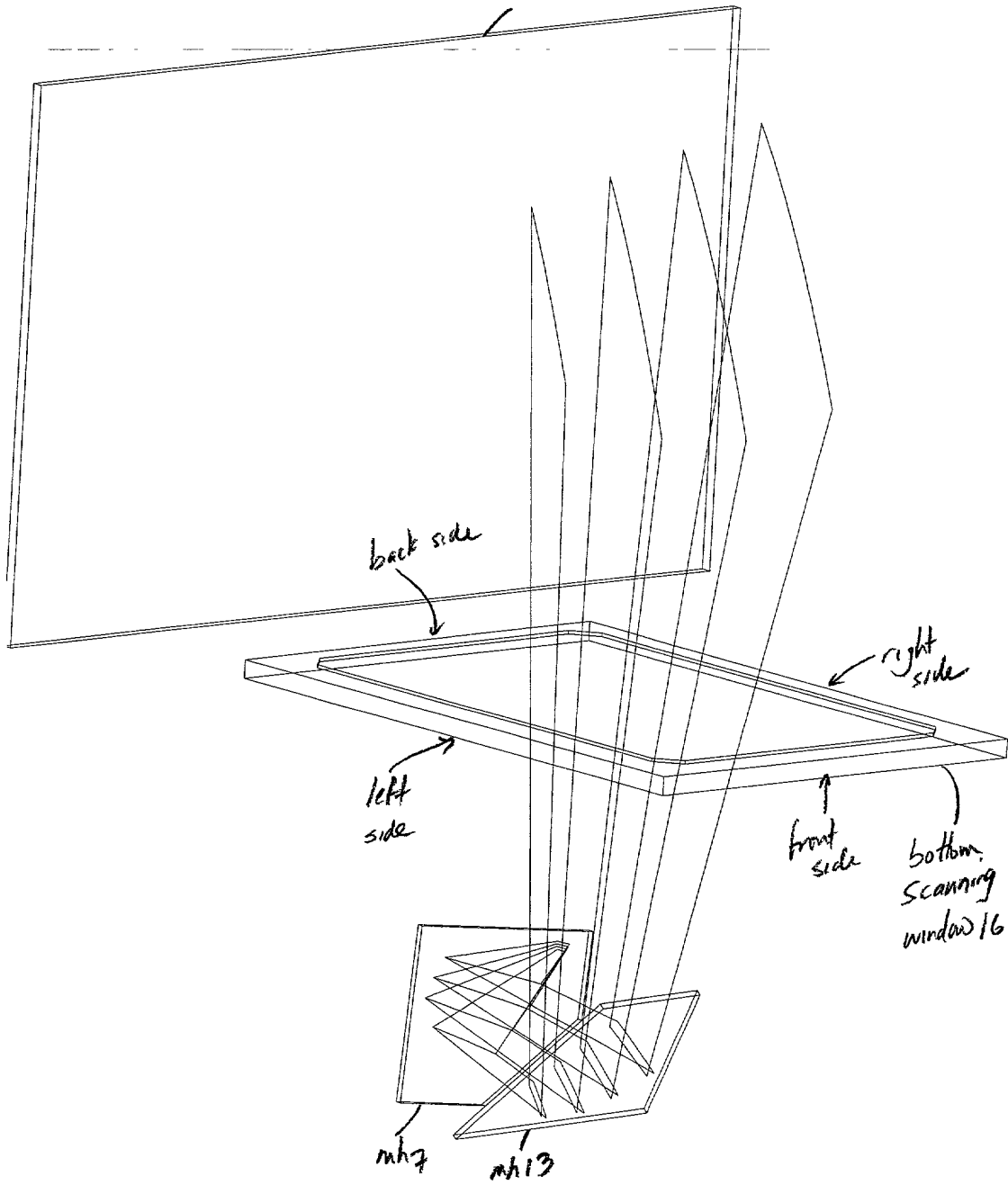


FIG. 4B2

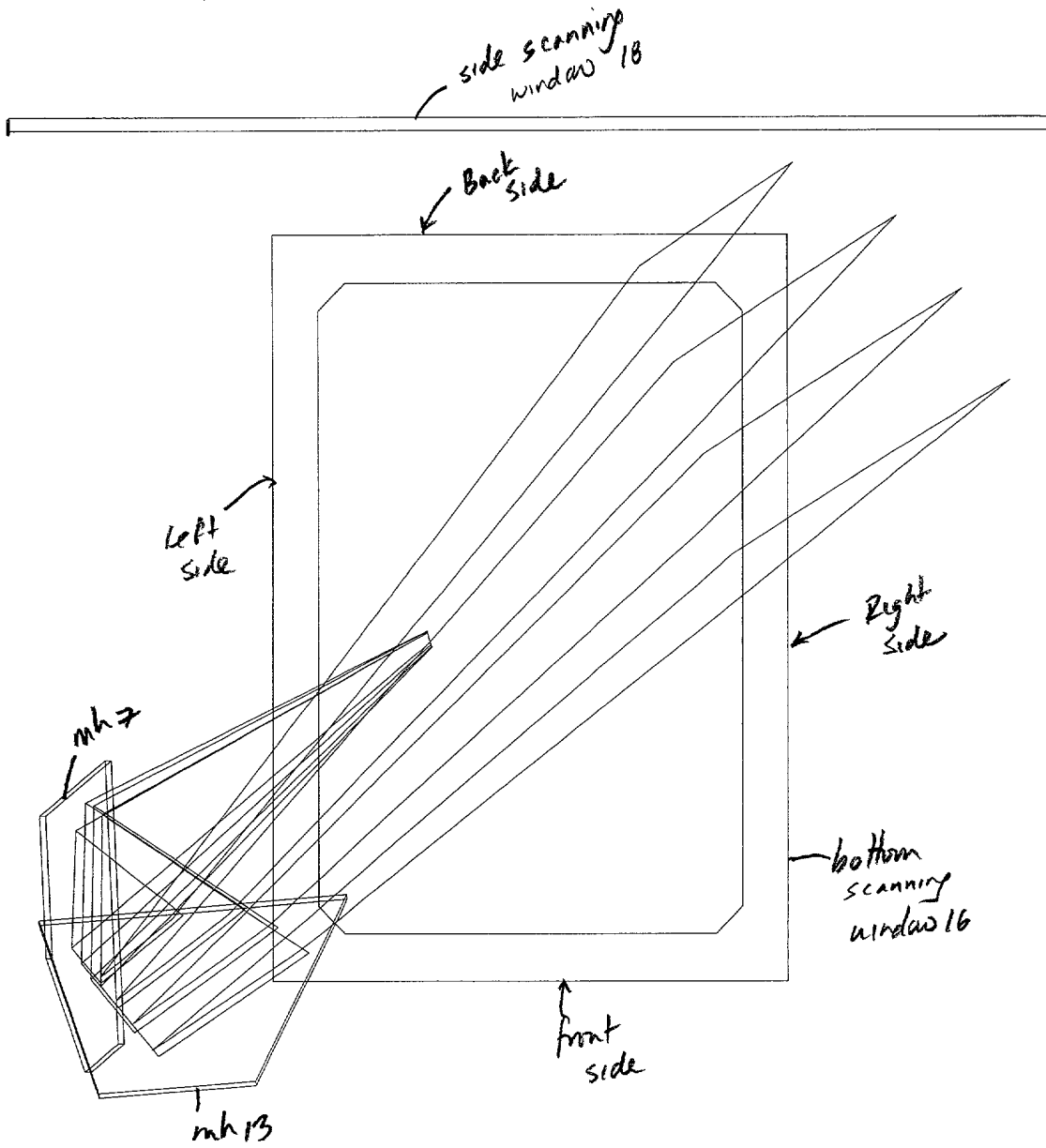
FIG. 4C1

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side scanning
window 18



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FIG. 4C2



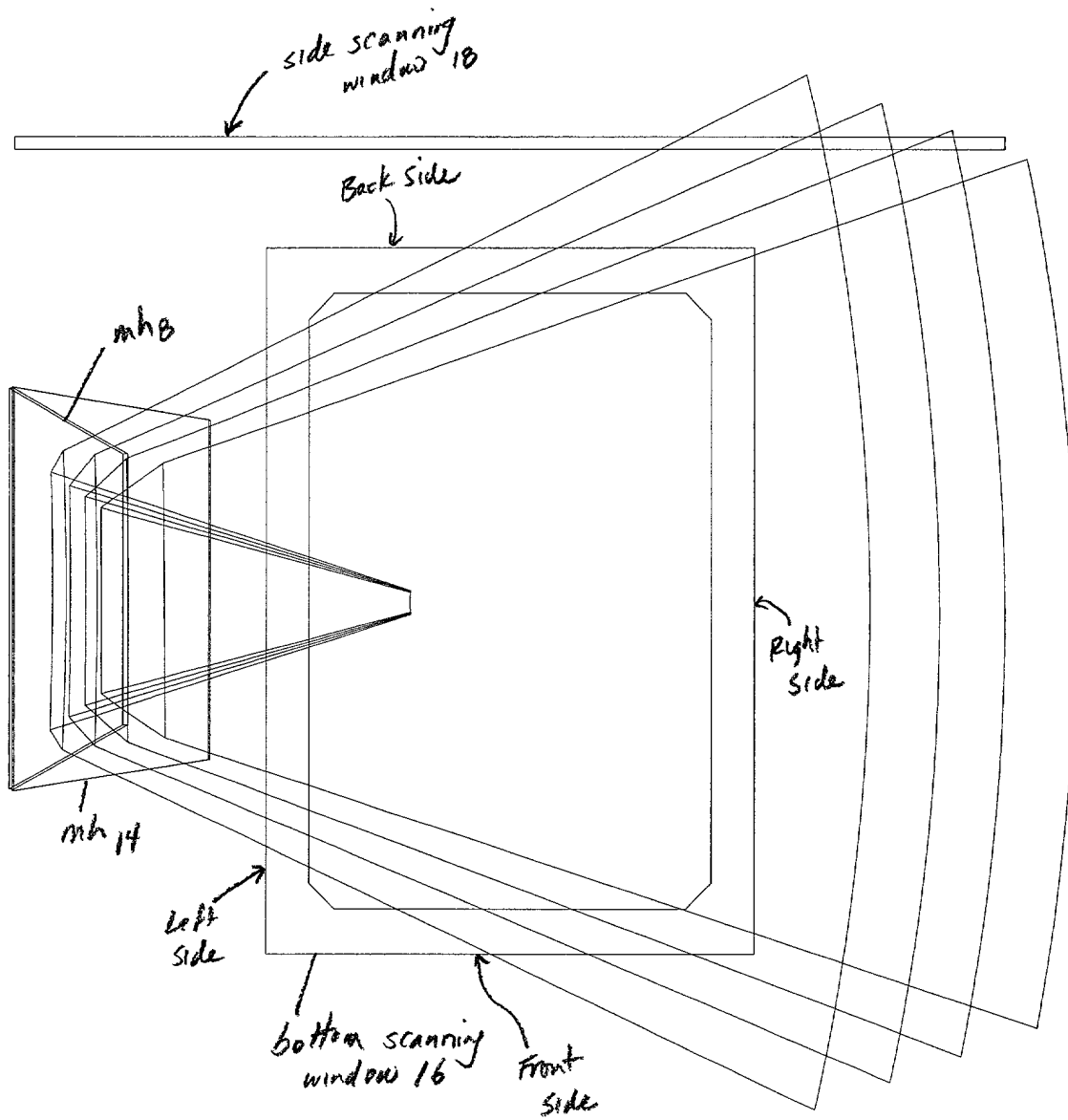


FIG. 4D2

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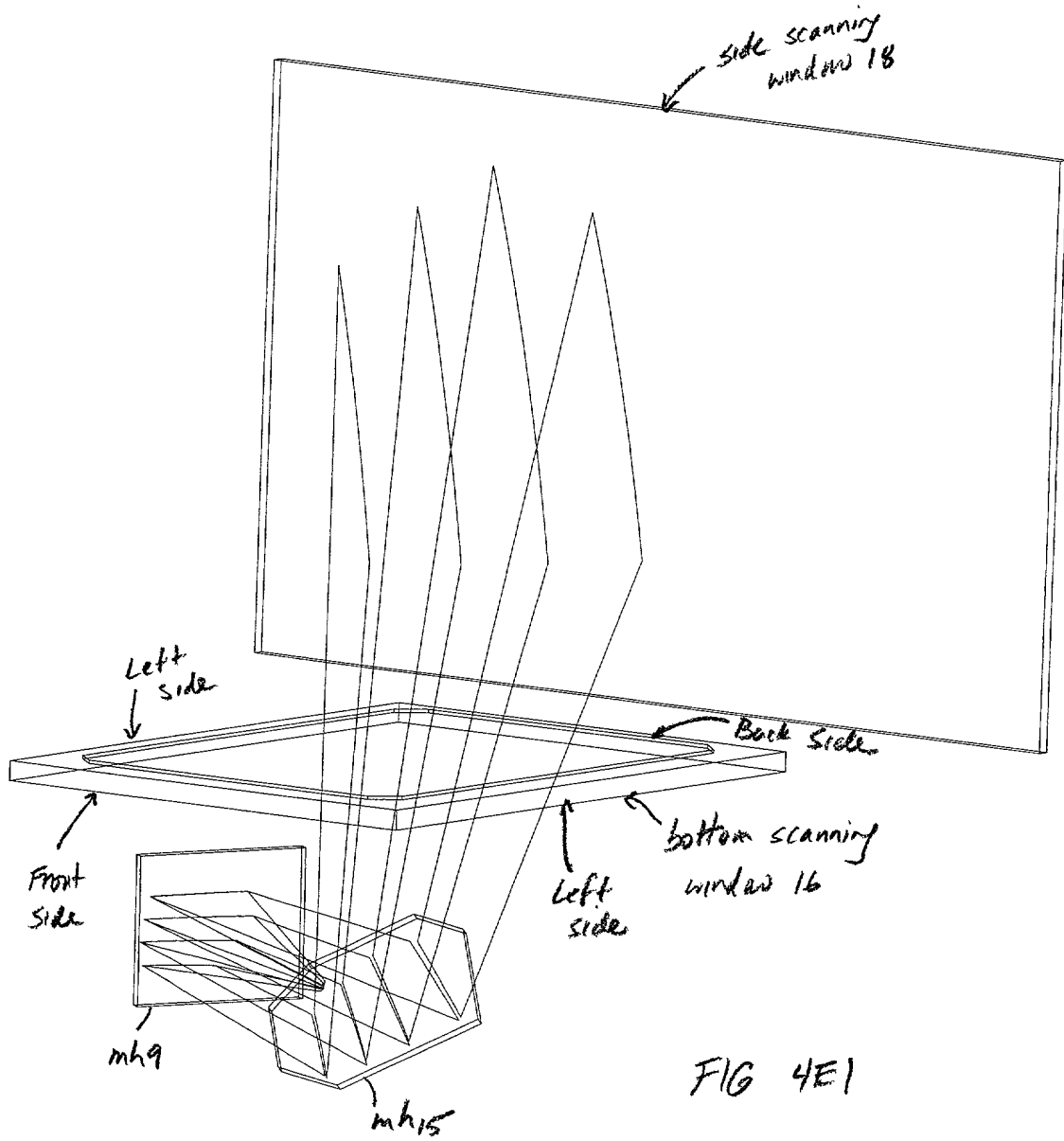


FIG 4E1

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FIG. 4E2

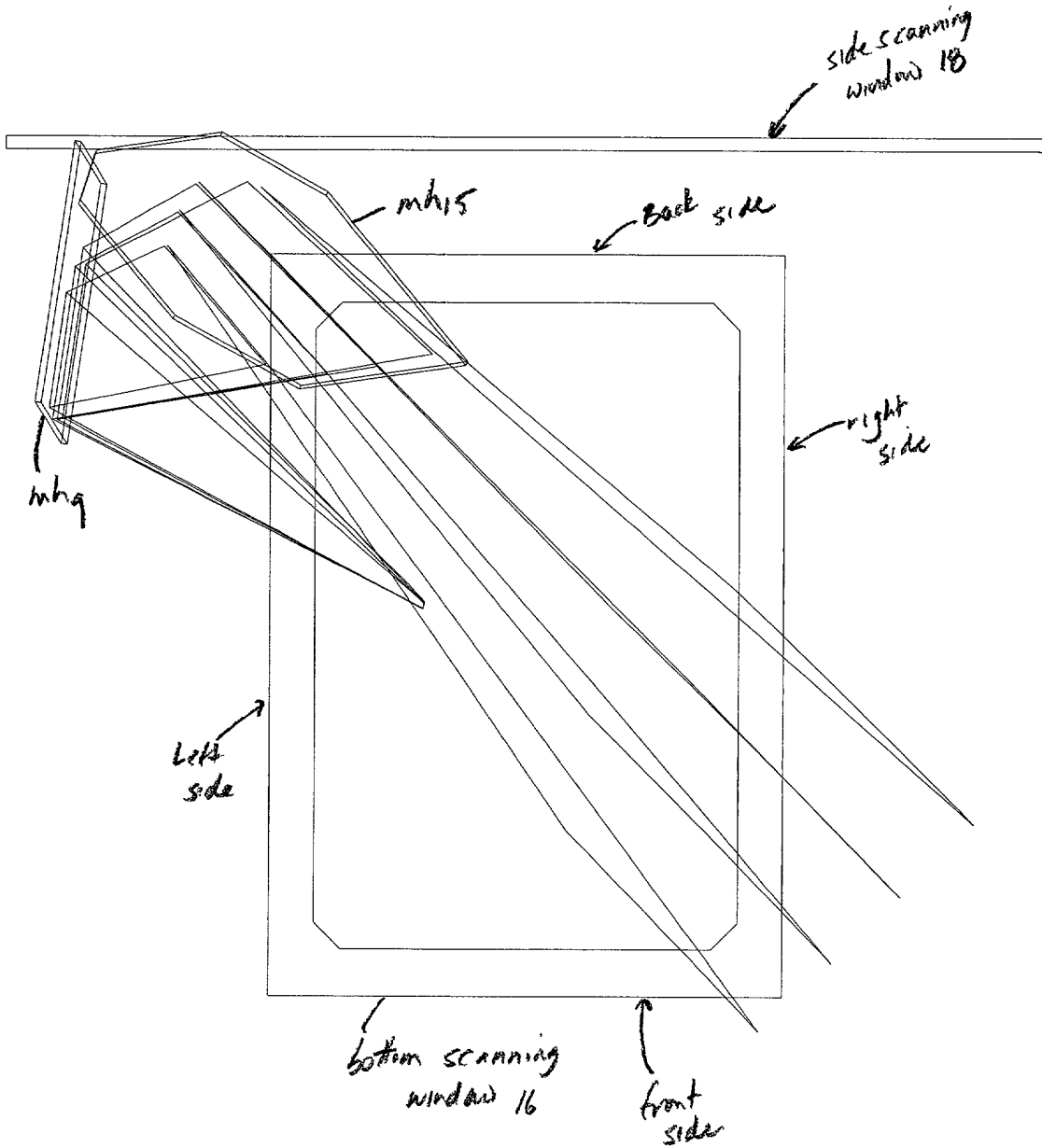
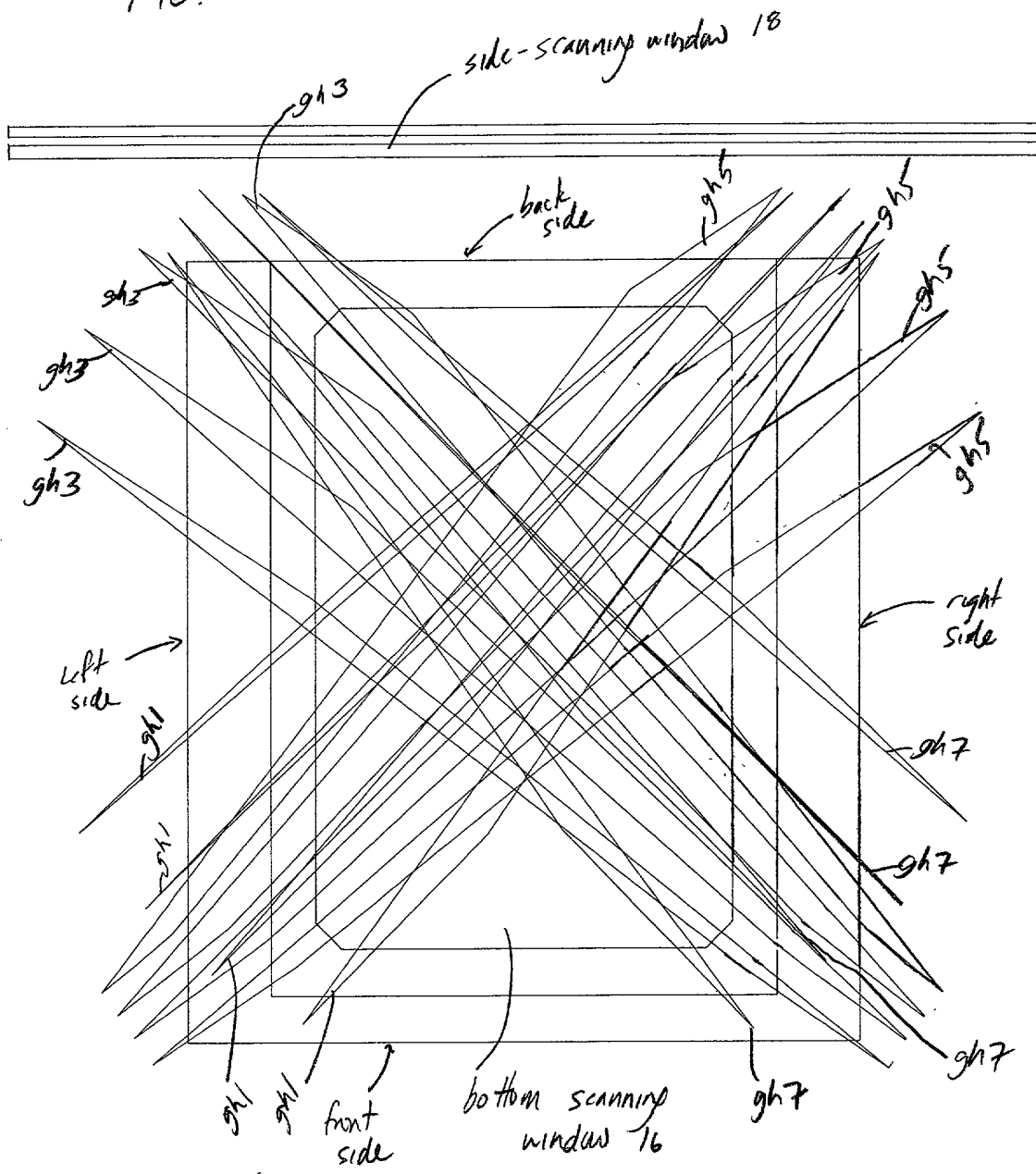
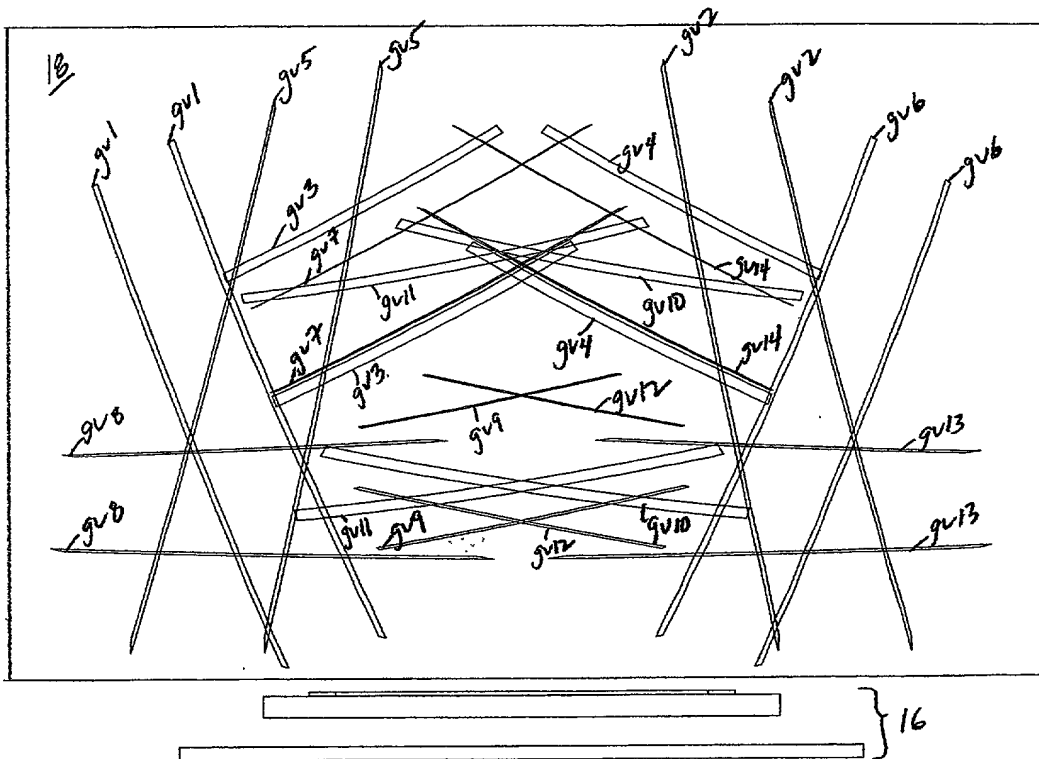


FIG. 4F

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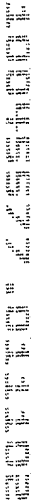


FIG 5B1

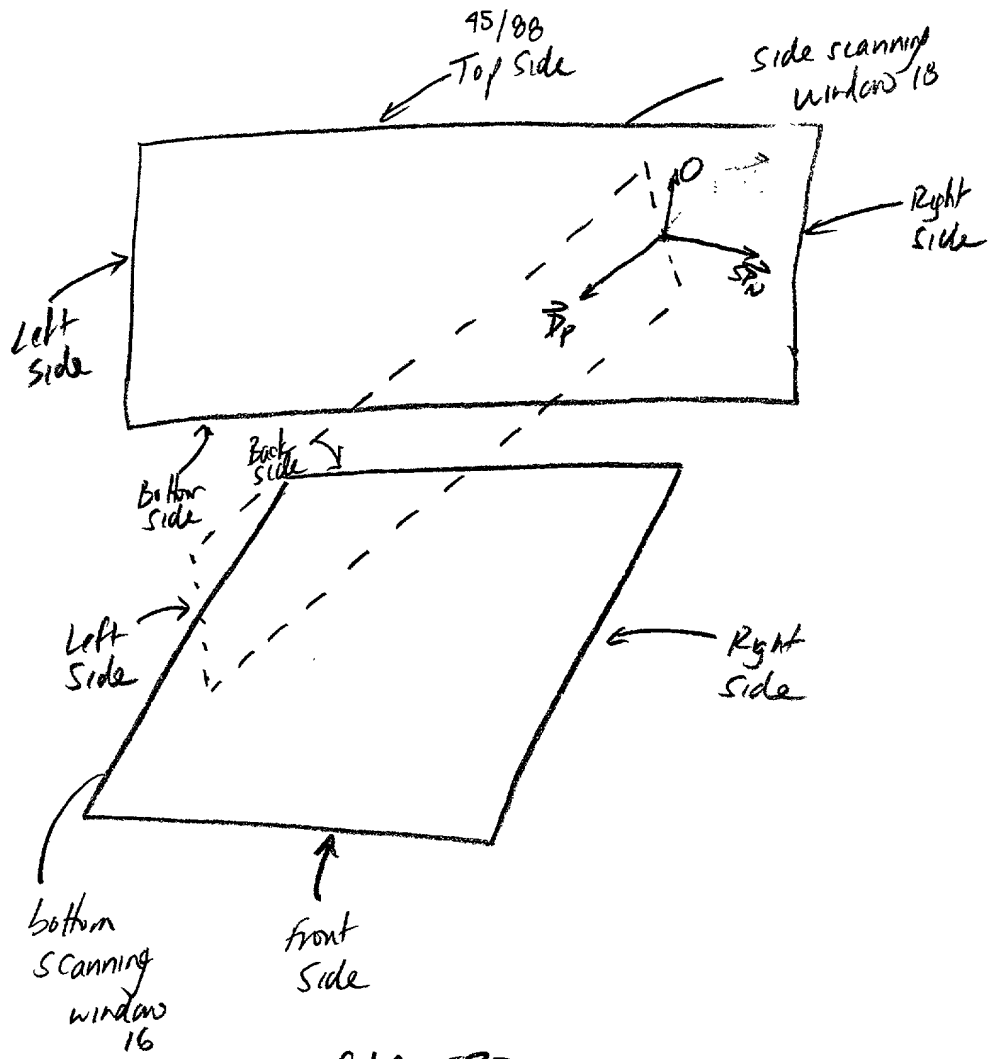


FIG. 5B2

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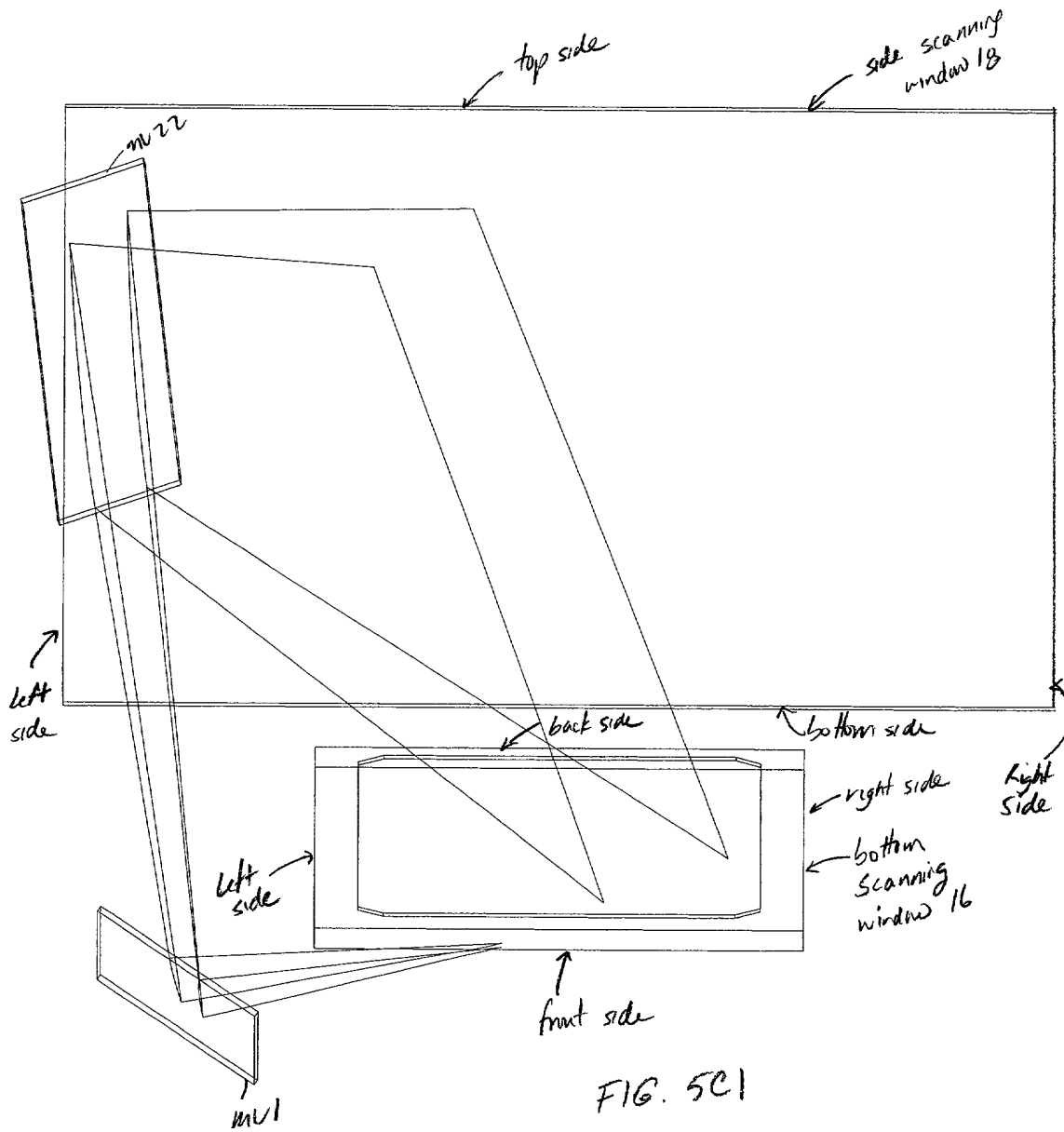
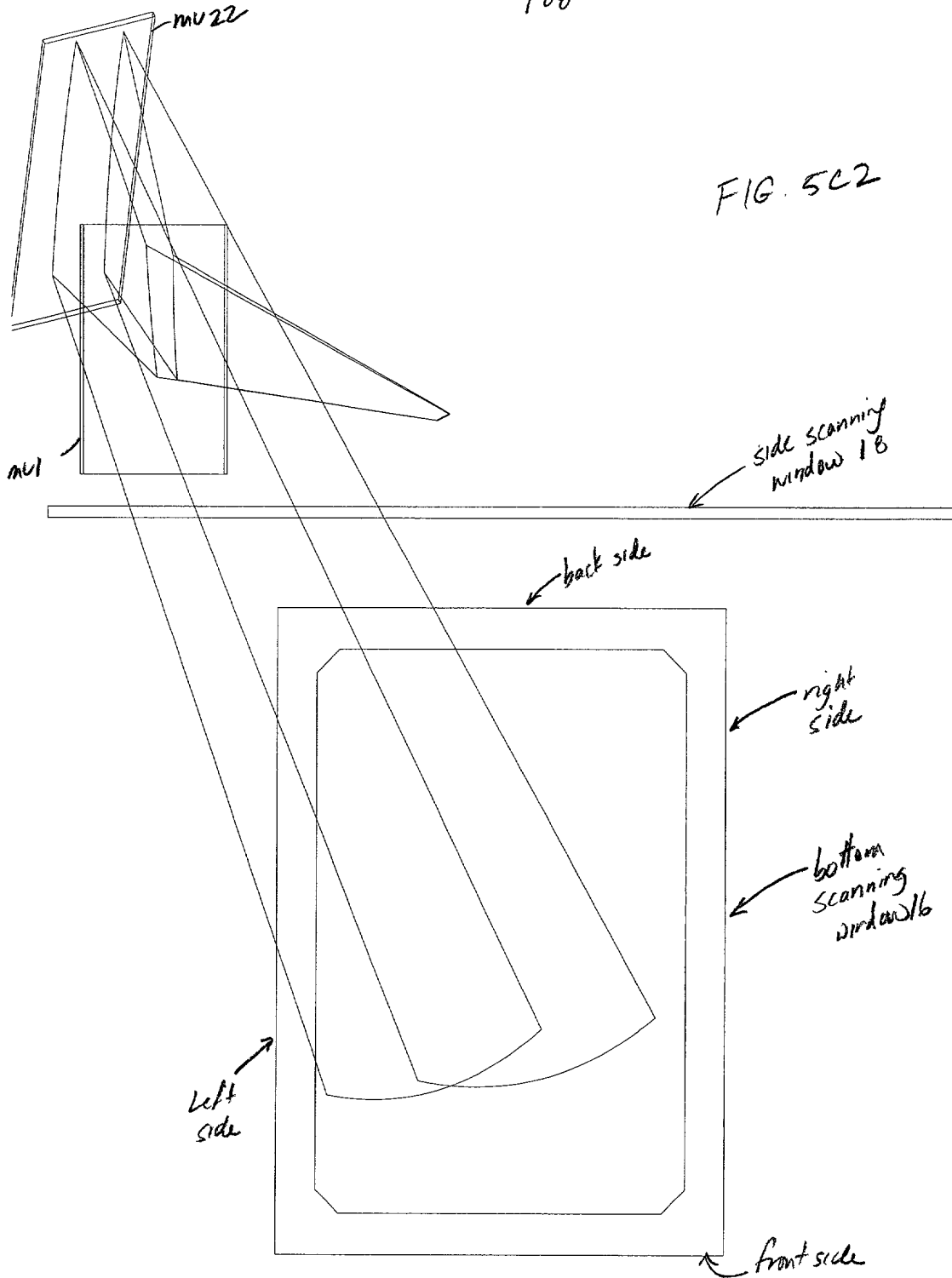


FIG. 5C1

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FIG. 5C2



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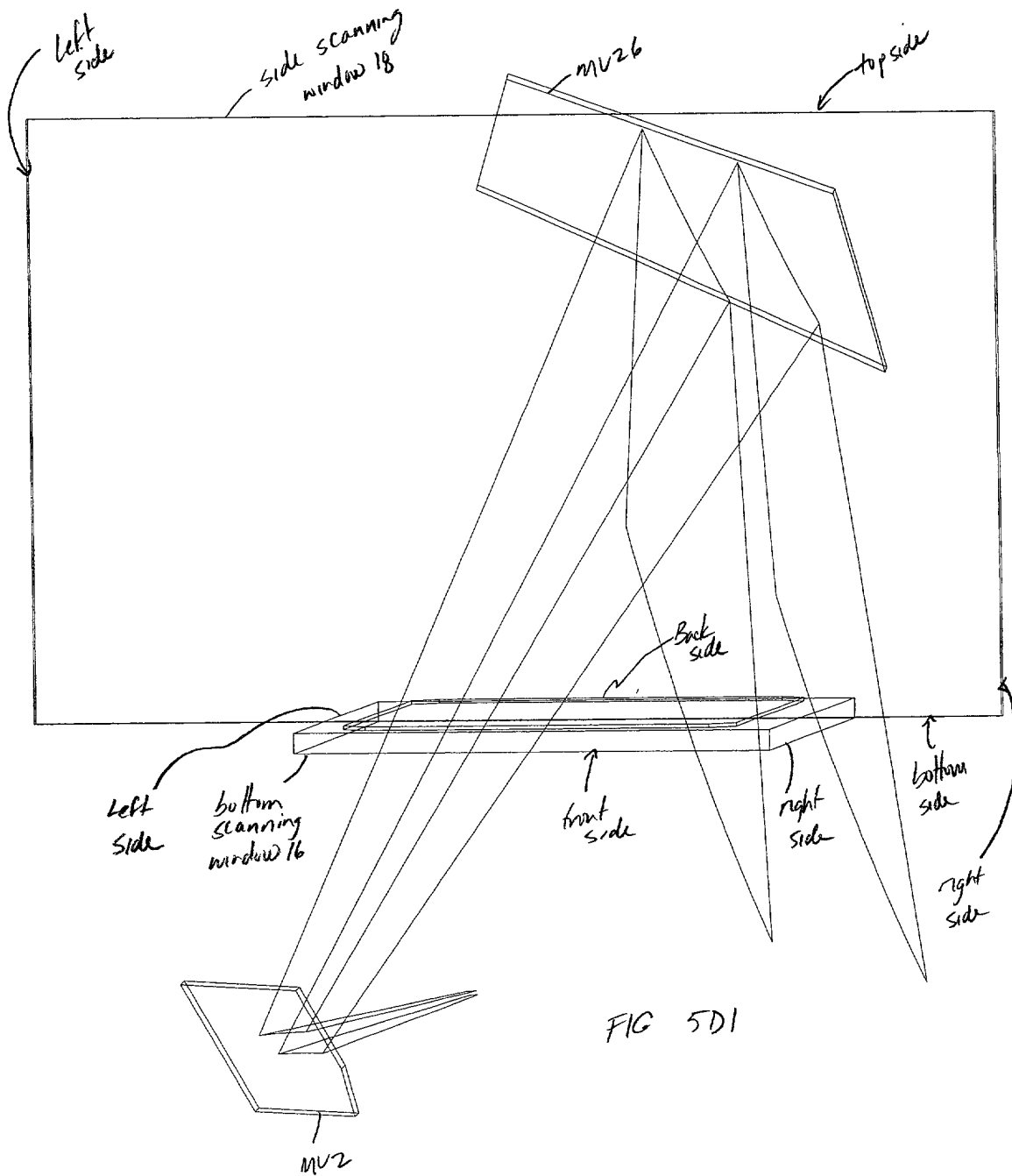
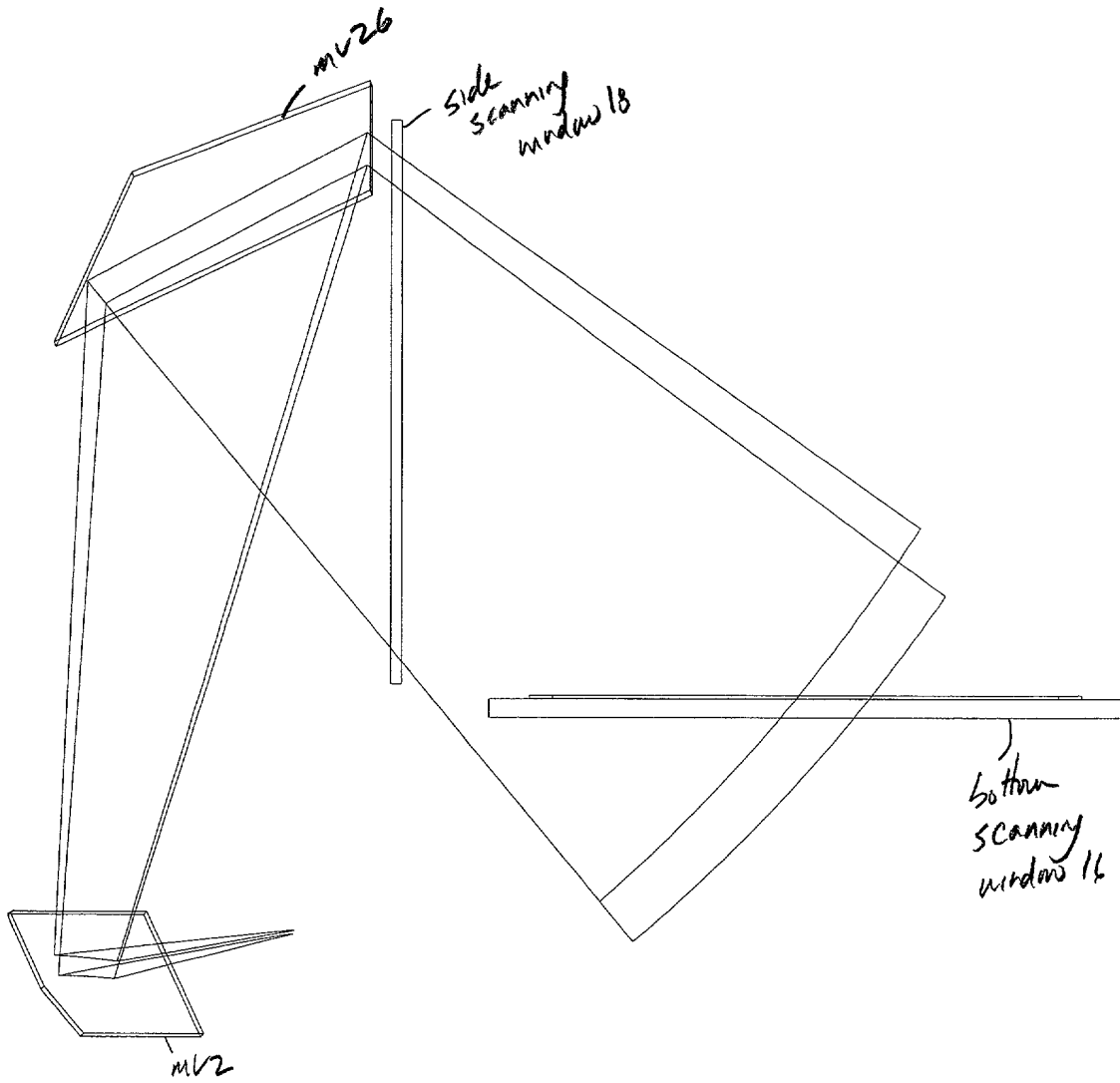


FIG 5D1

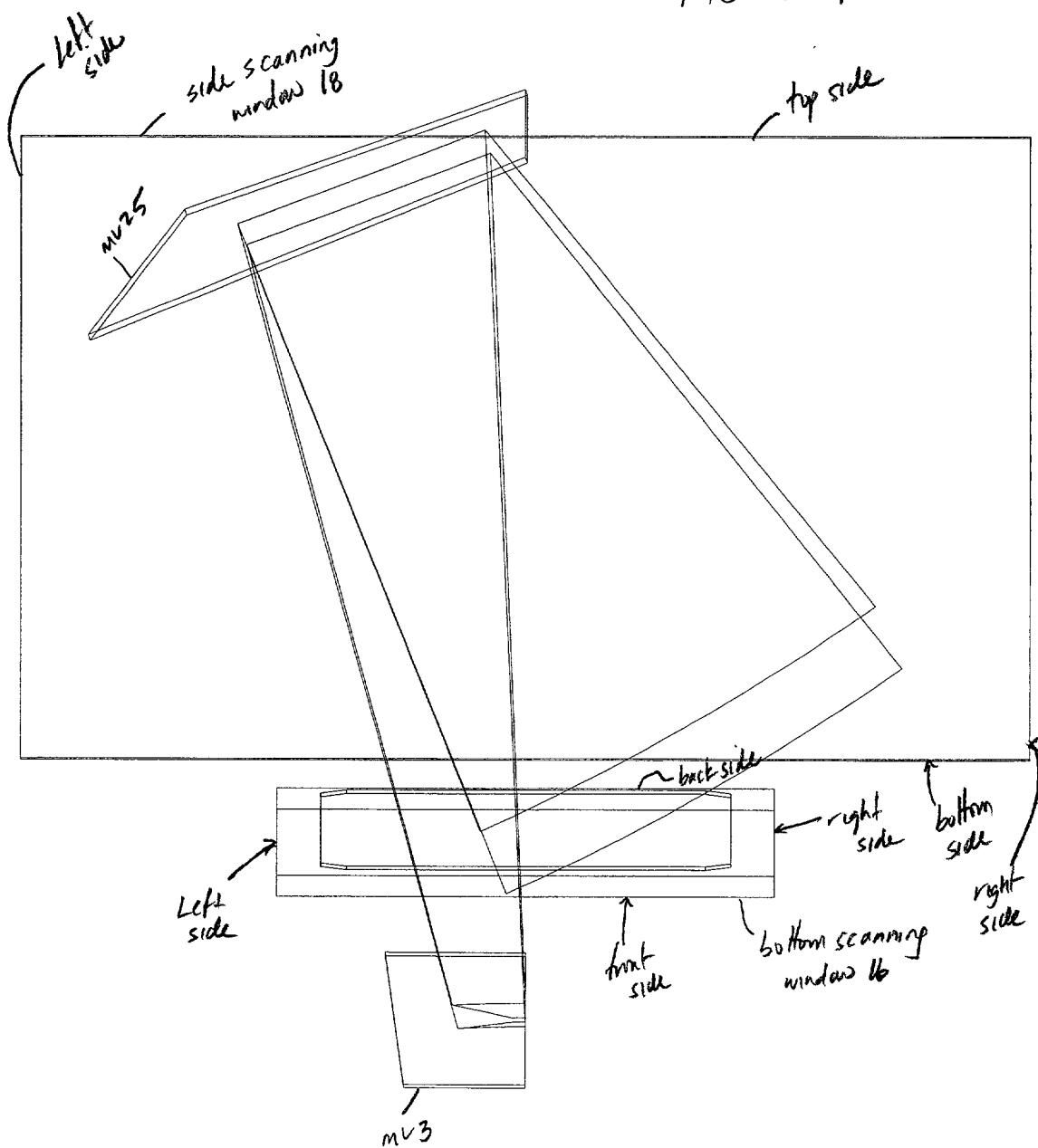
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FIG 5D2



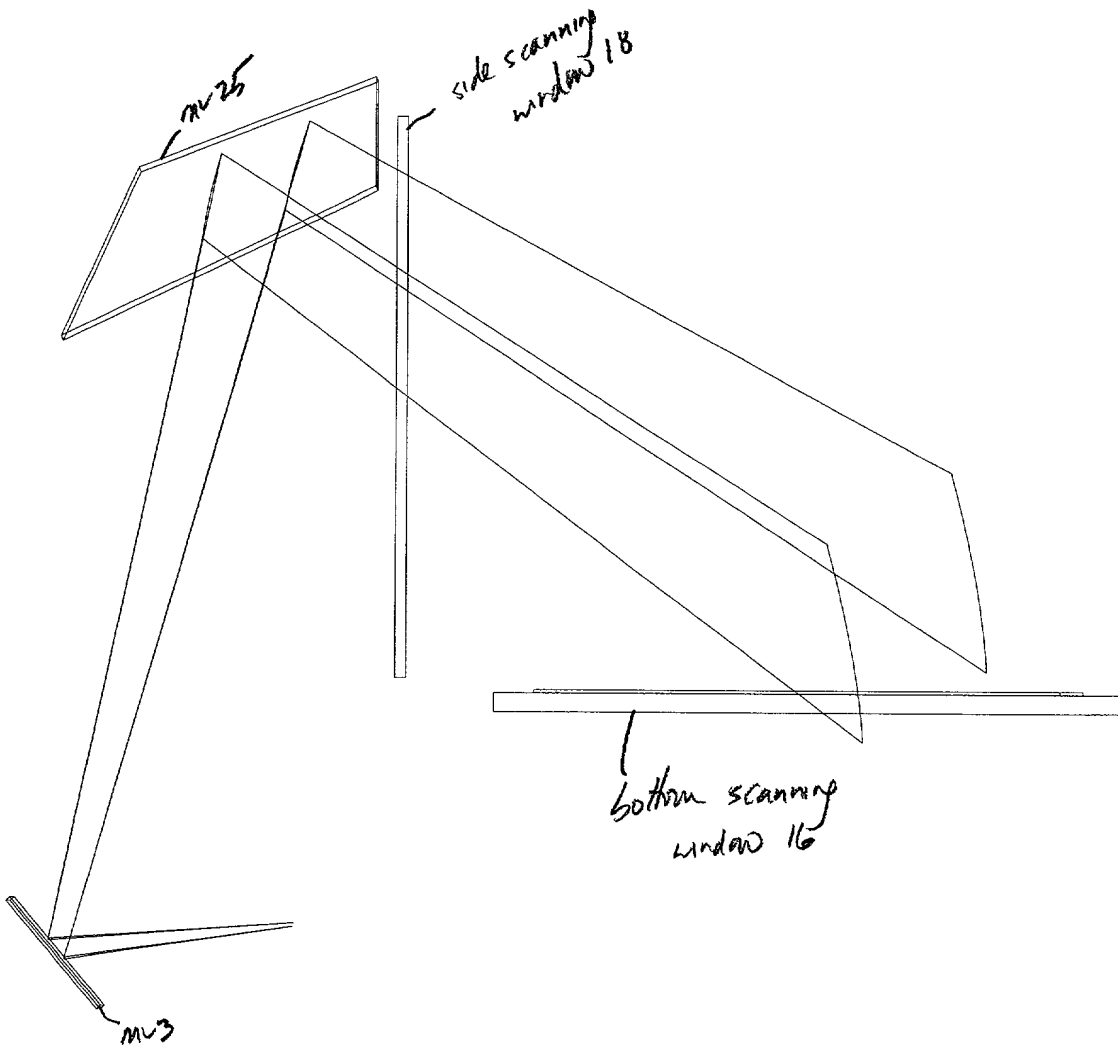
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FIG 5E1



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FIG 5E2



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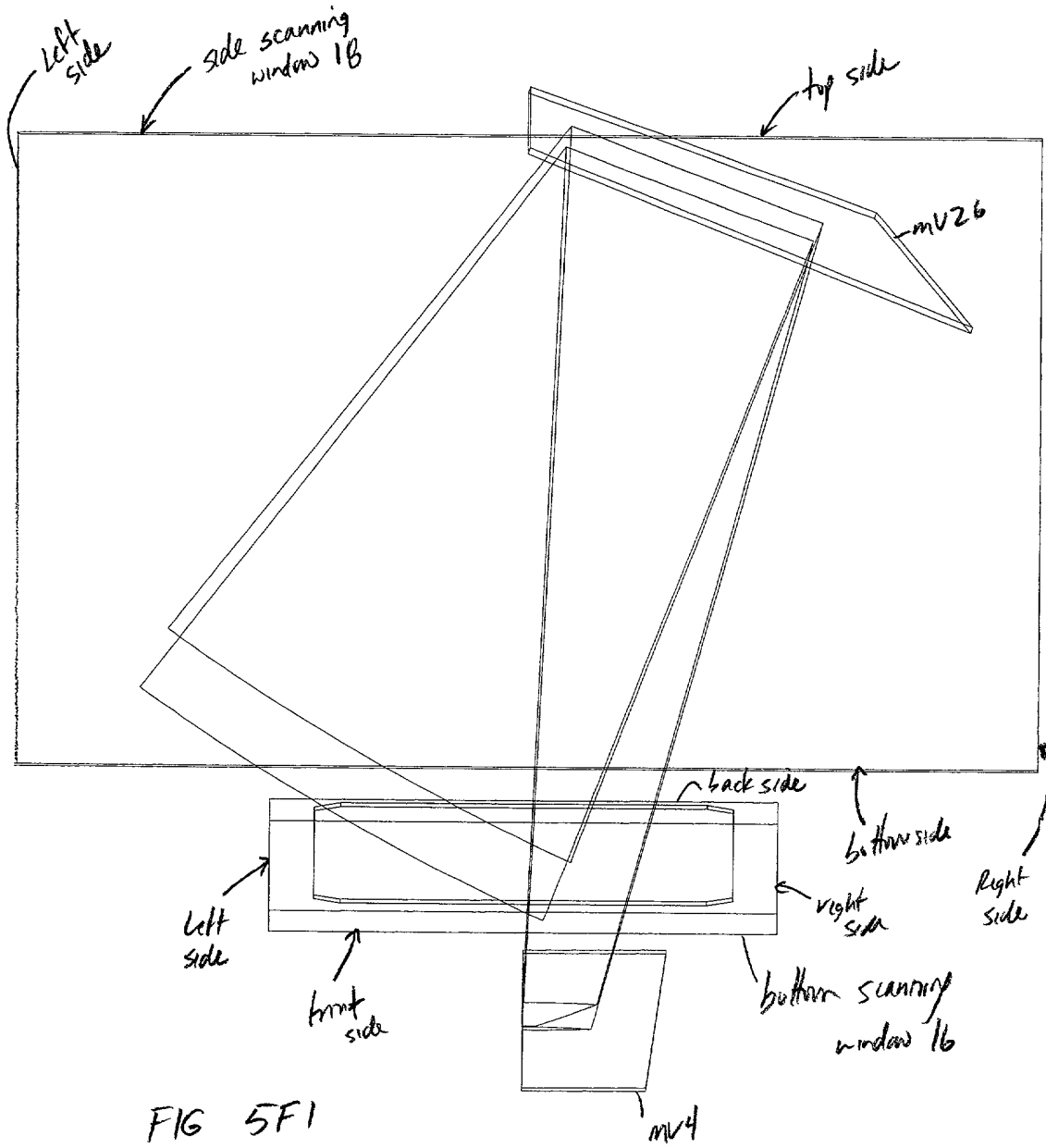


FIG 5F1

FIG. 5F2

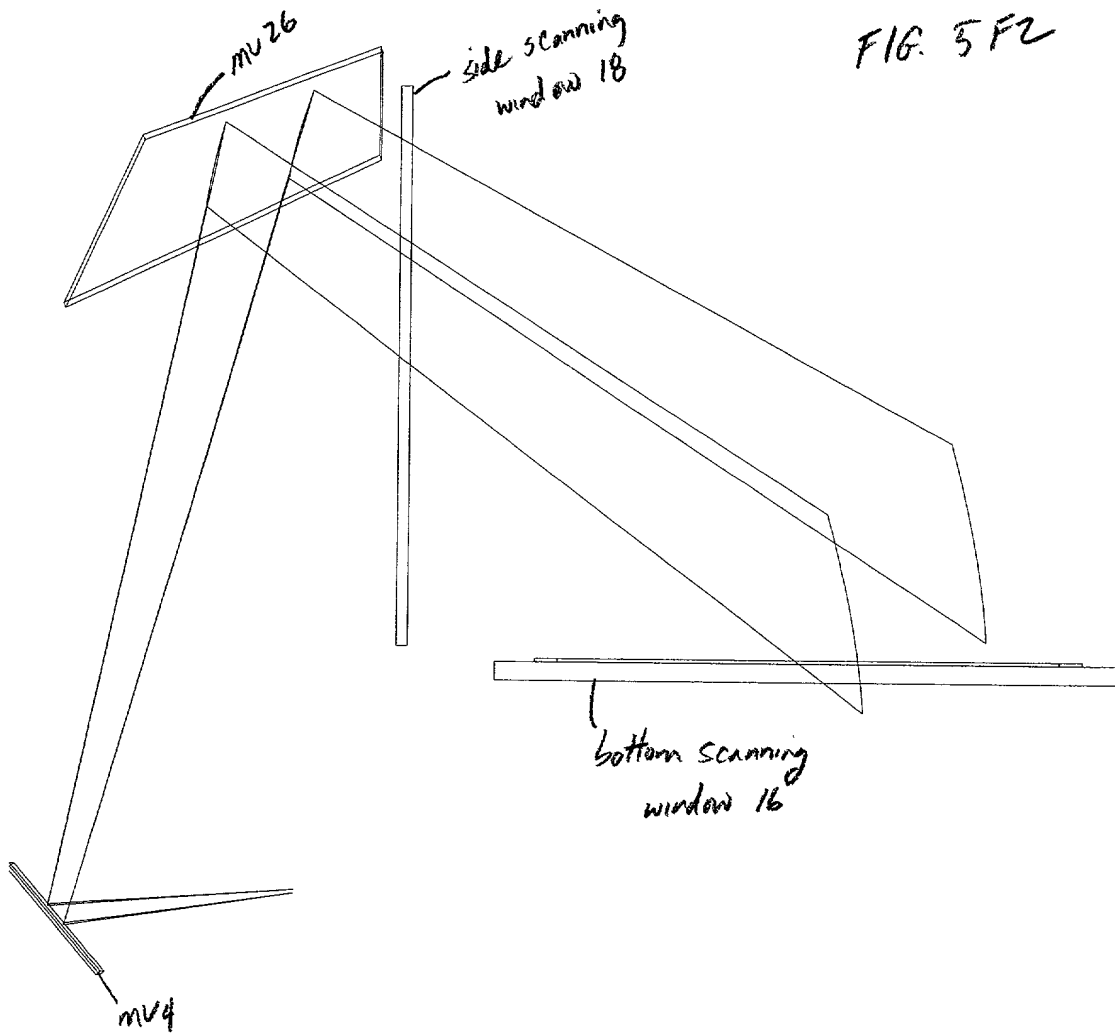
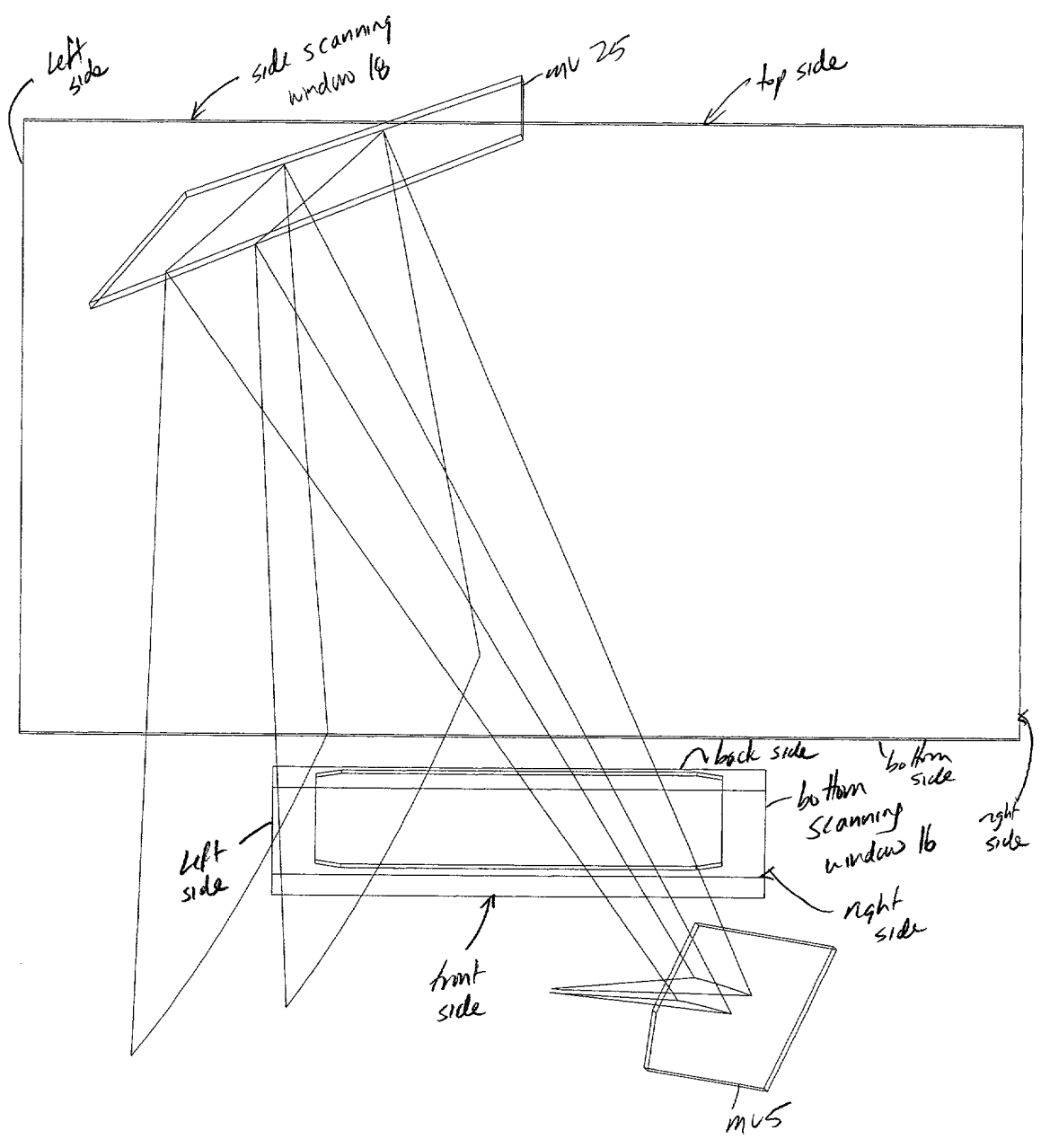


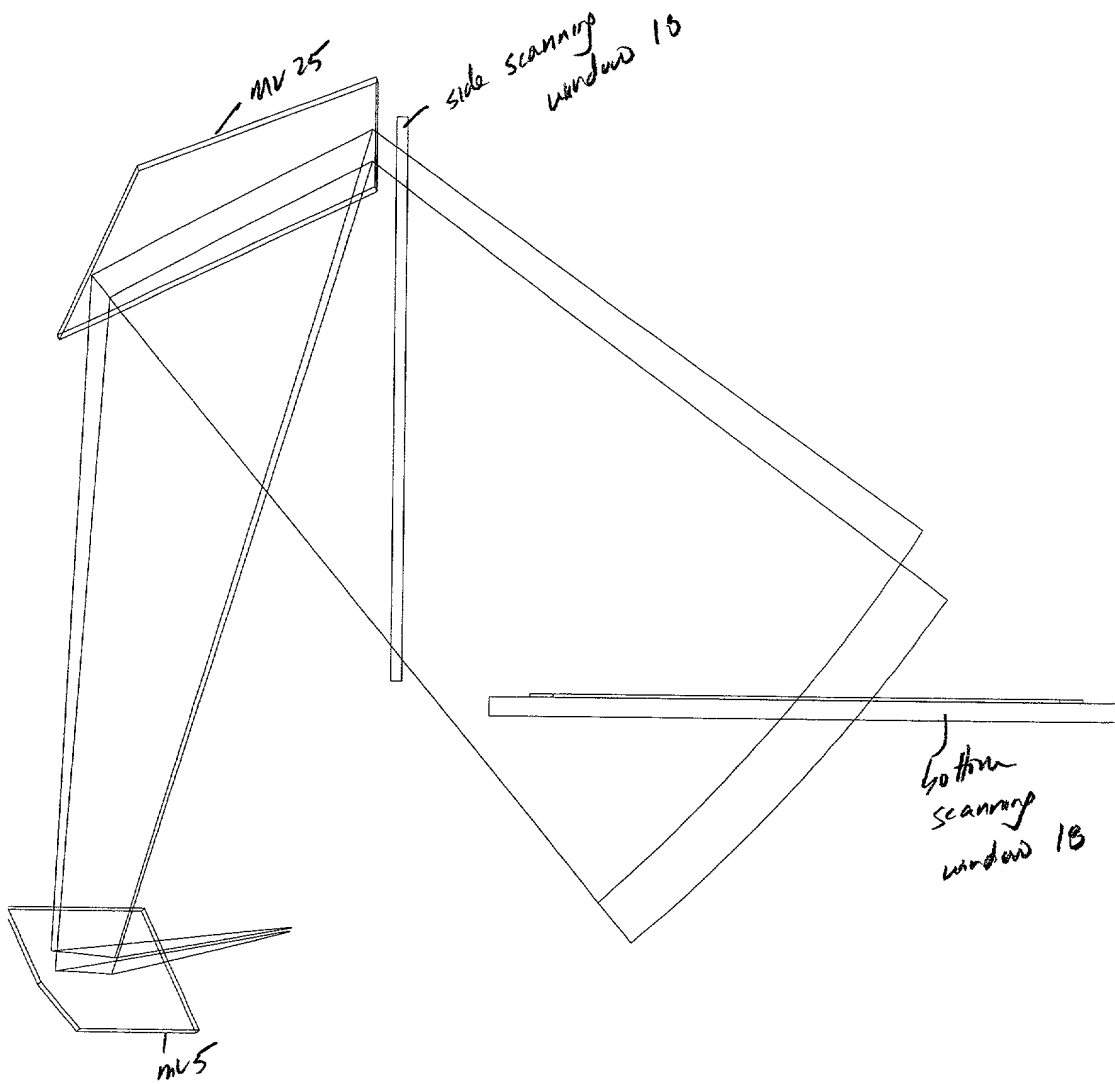
FIG. 5G1

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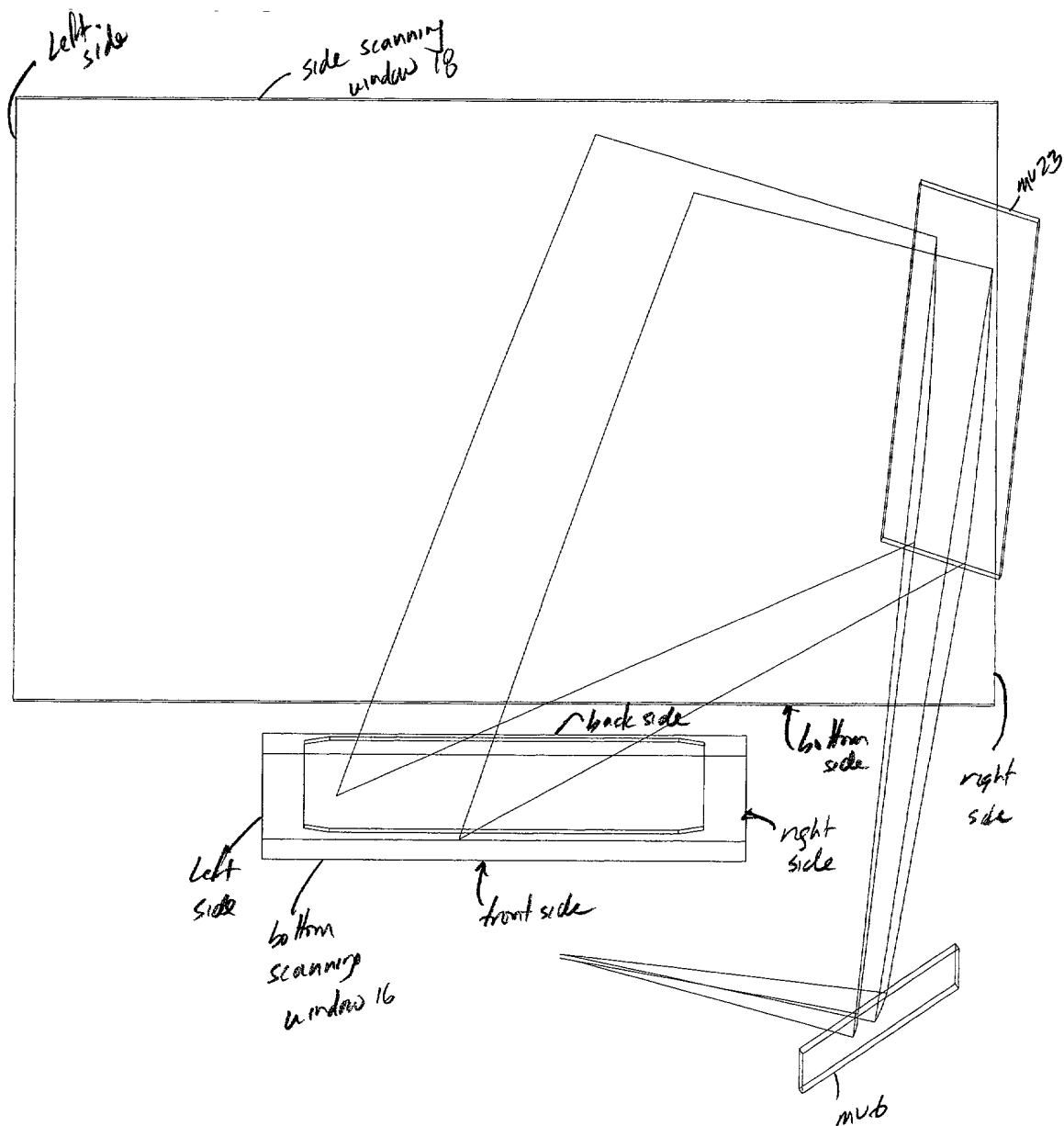
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FIG. 562



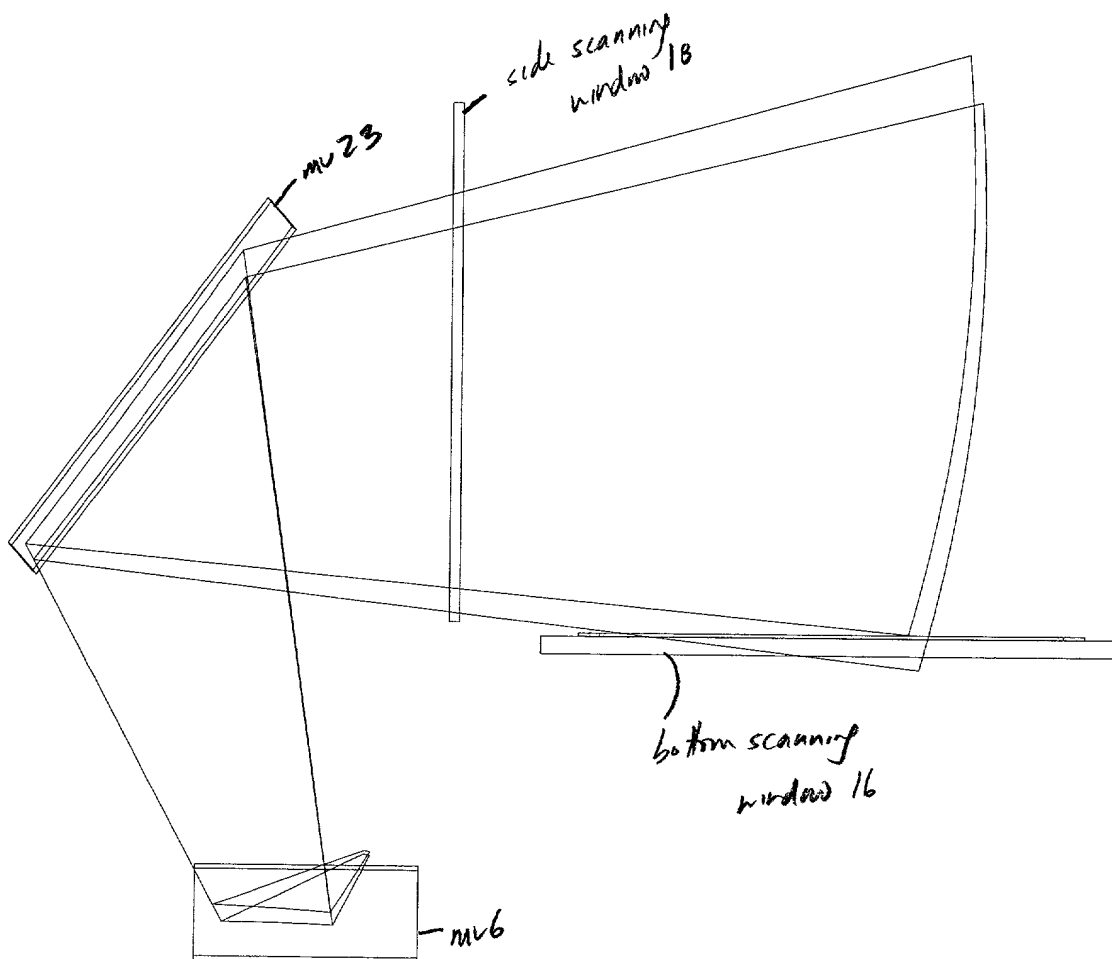
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FIG. 5H1



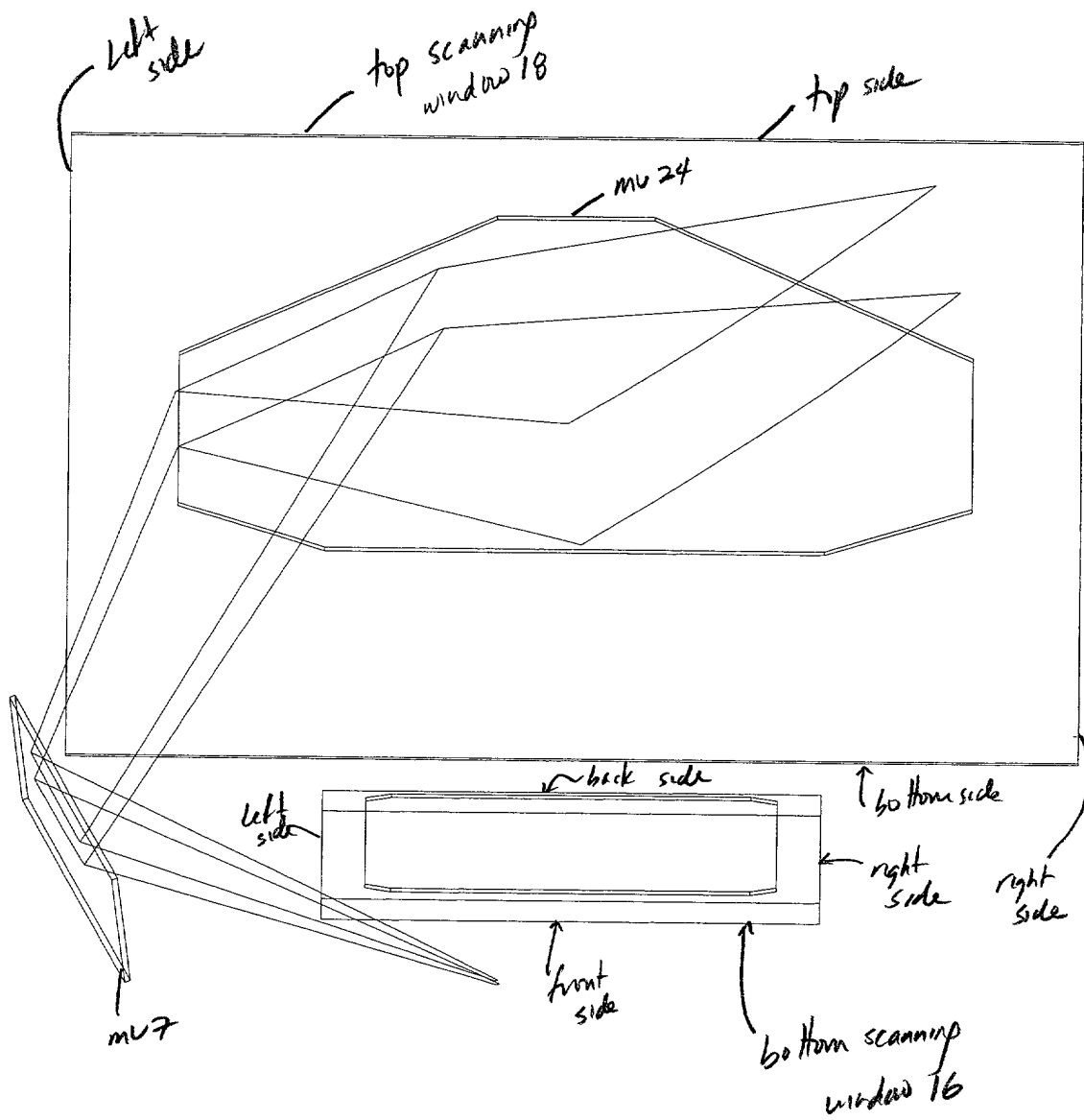
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FIG 5H2



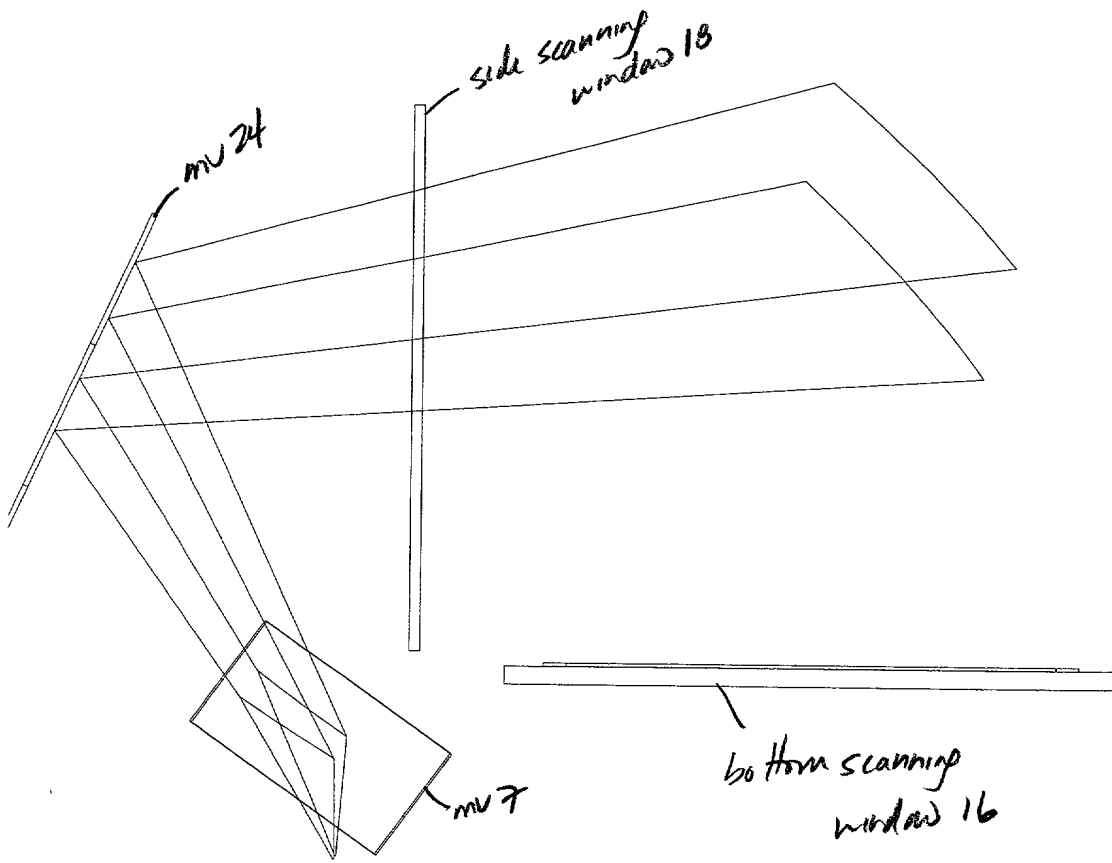
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FIG 5I1



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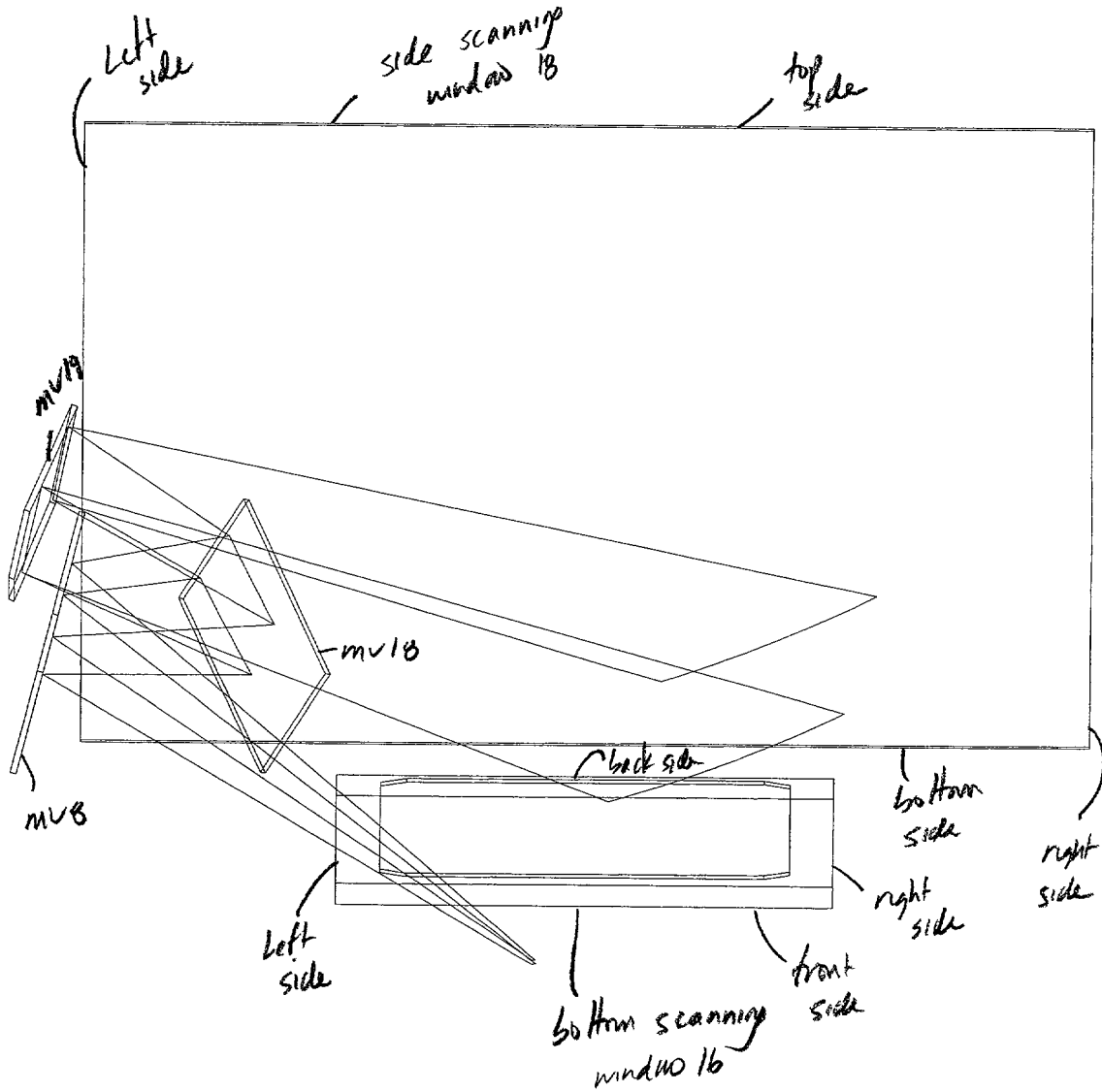
FIG. 512



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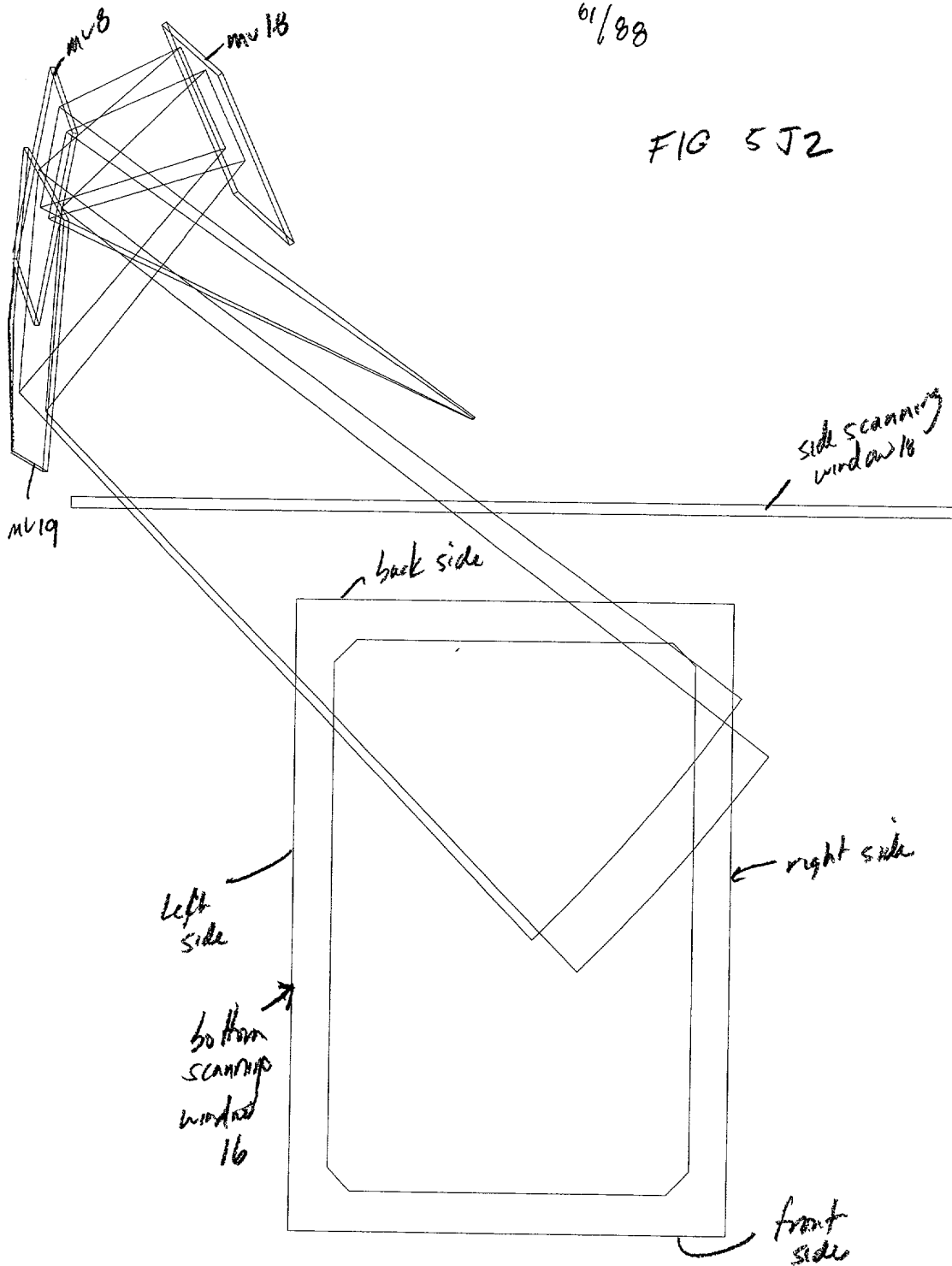
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FIG. 5J1



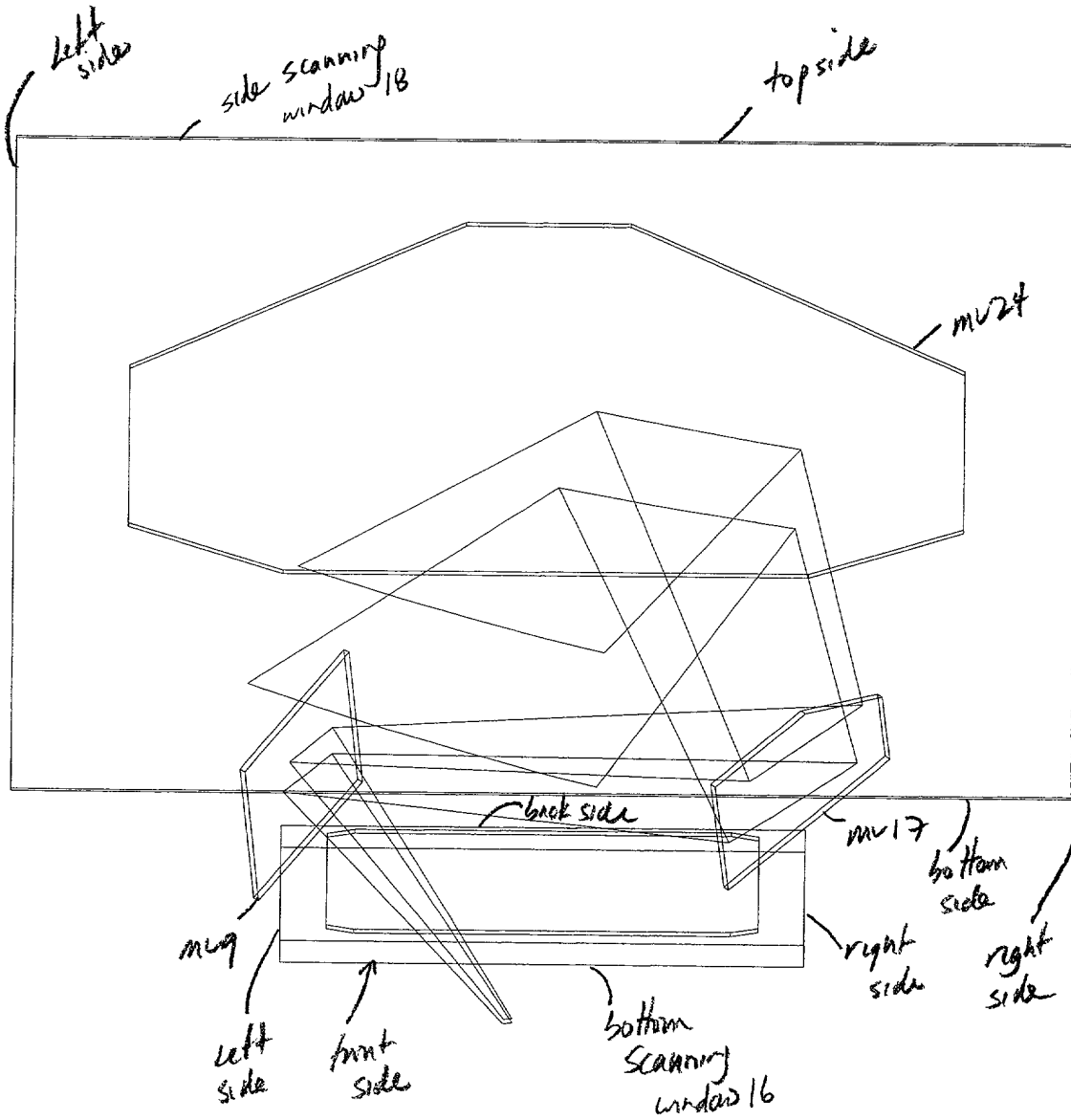
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FIG 5J2



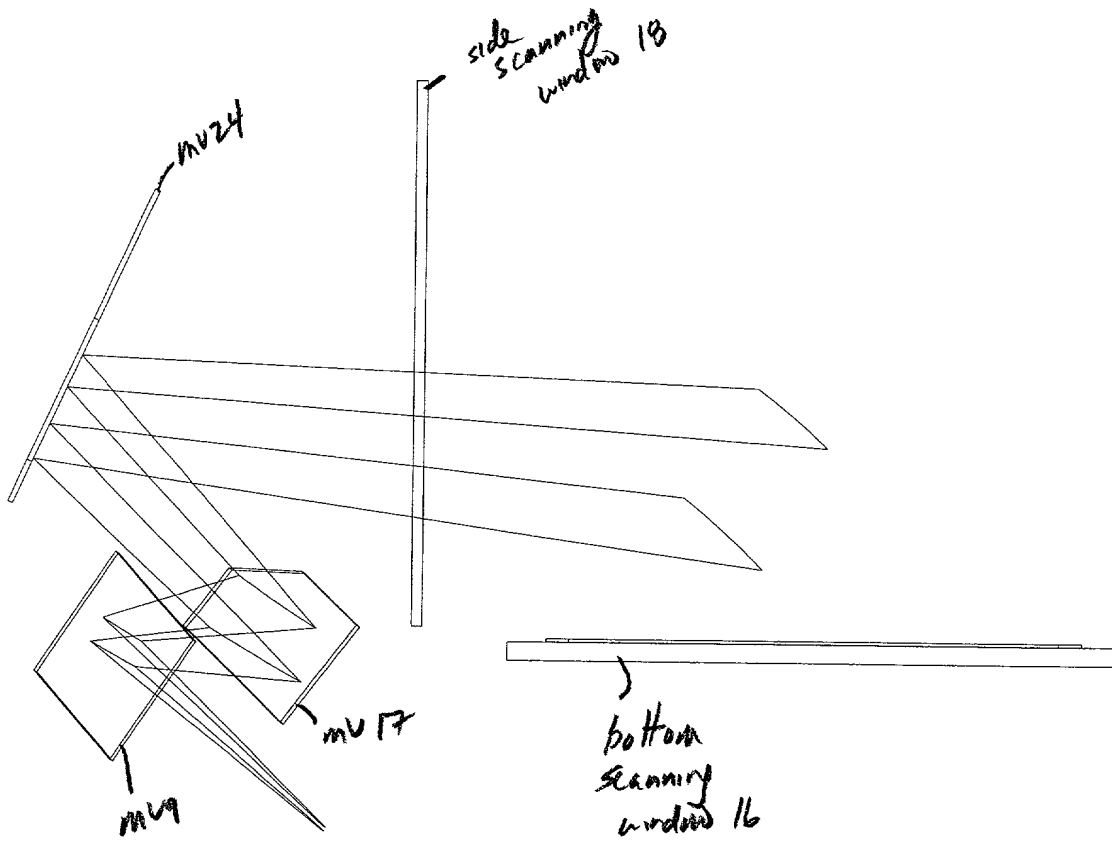
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FIG. 5K1



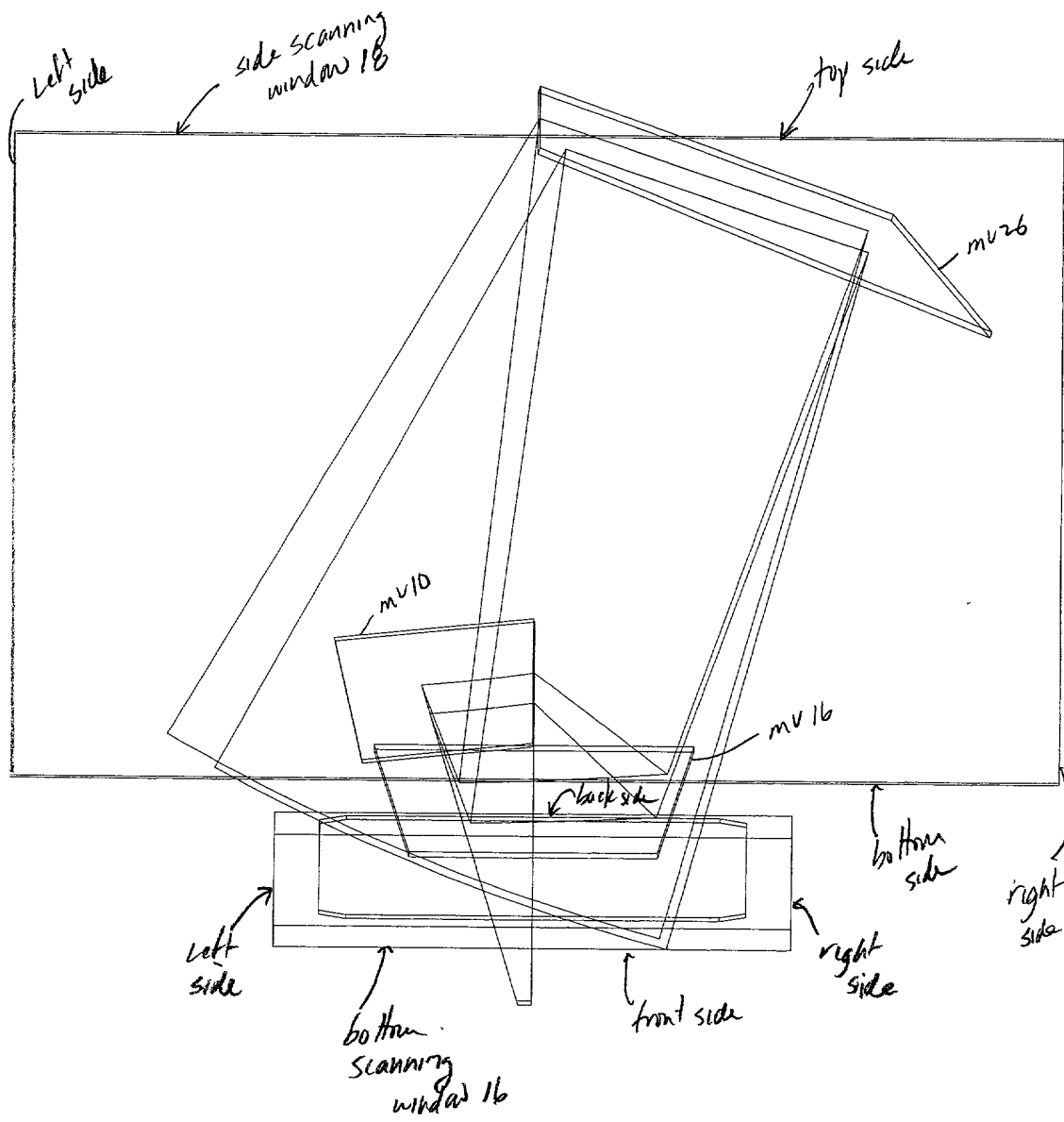
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FIG. 5K2



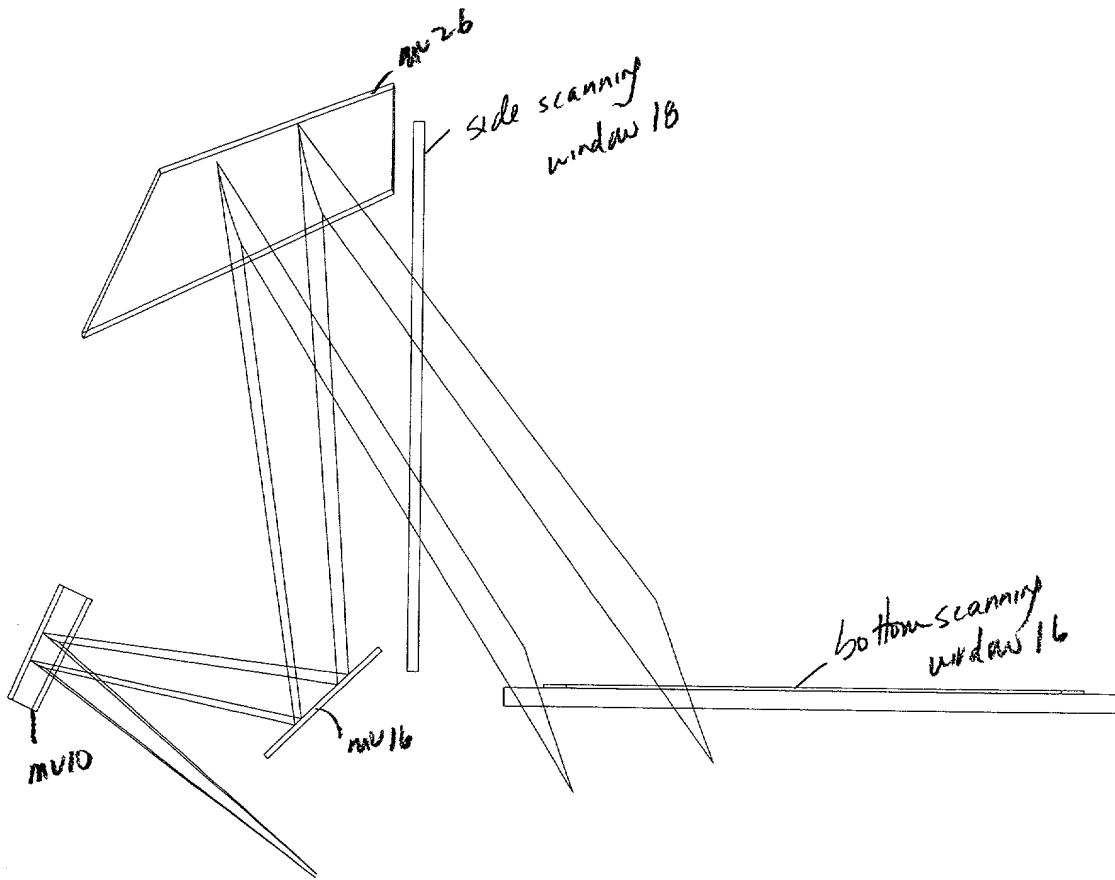
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FIG. 5L1



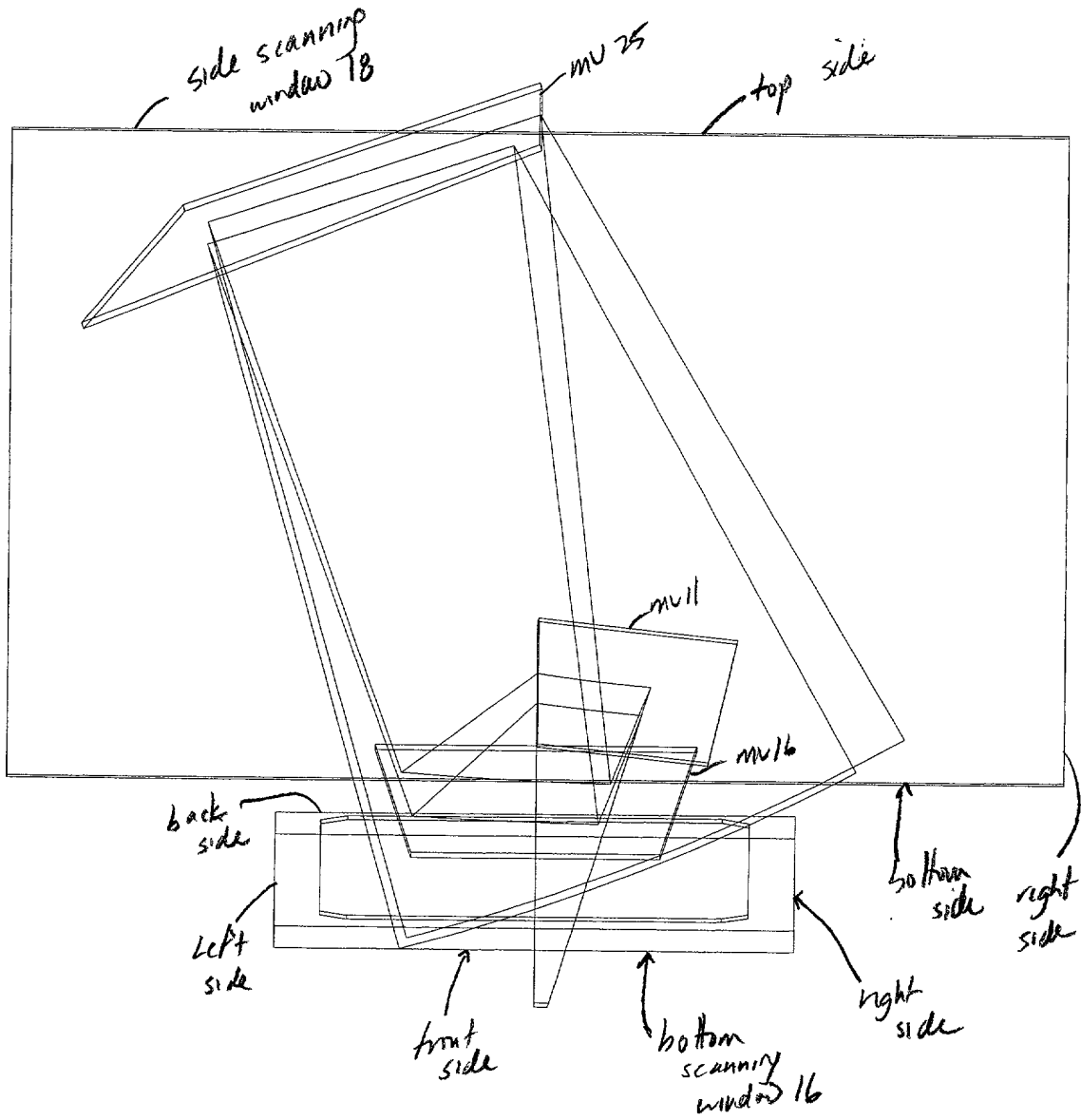
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FIG. 522



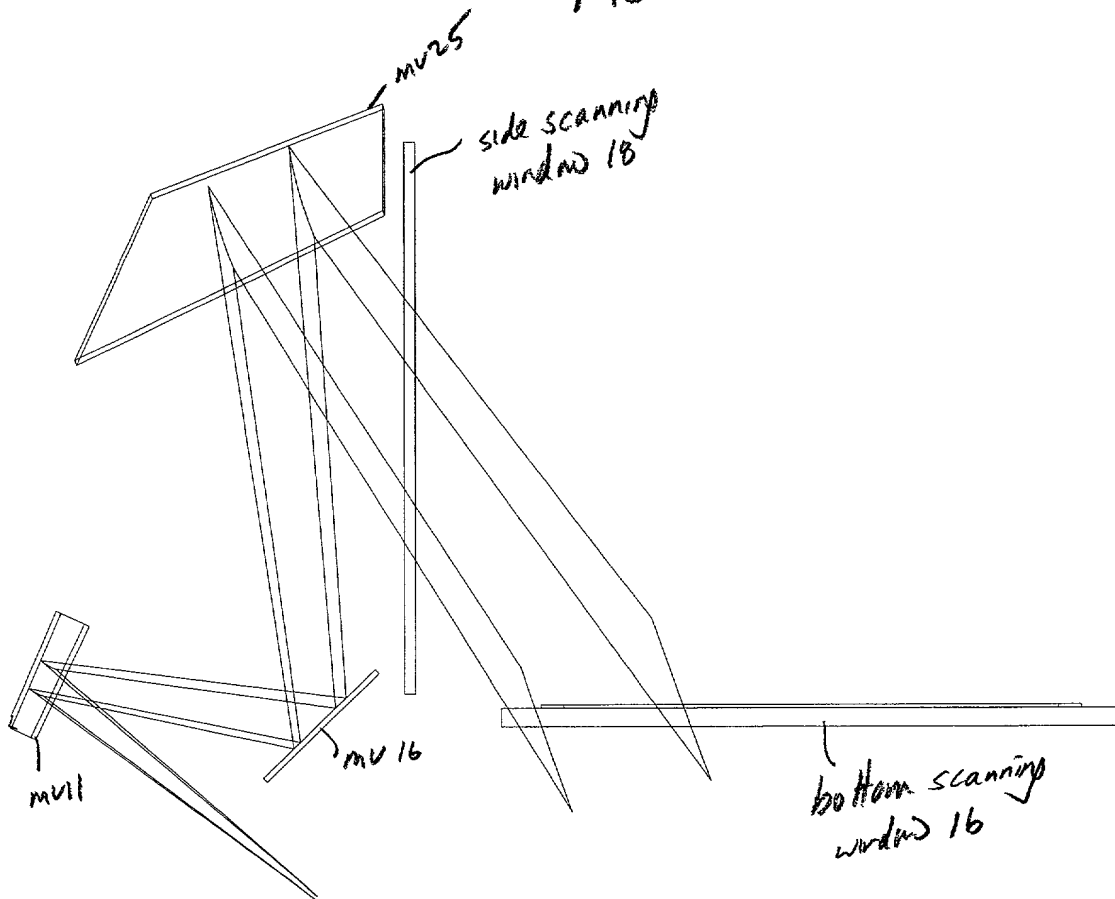
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FIG 5M1



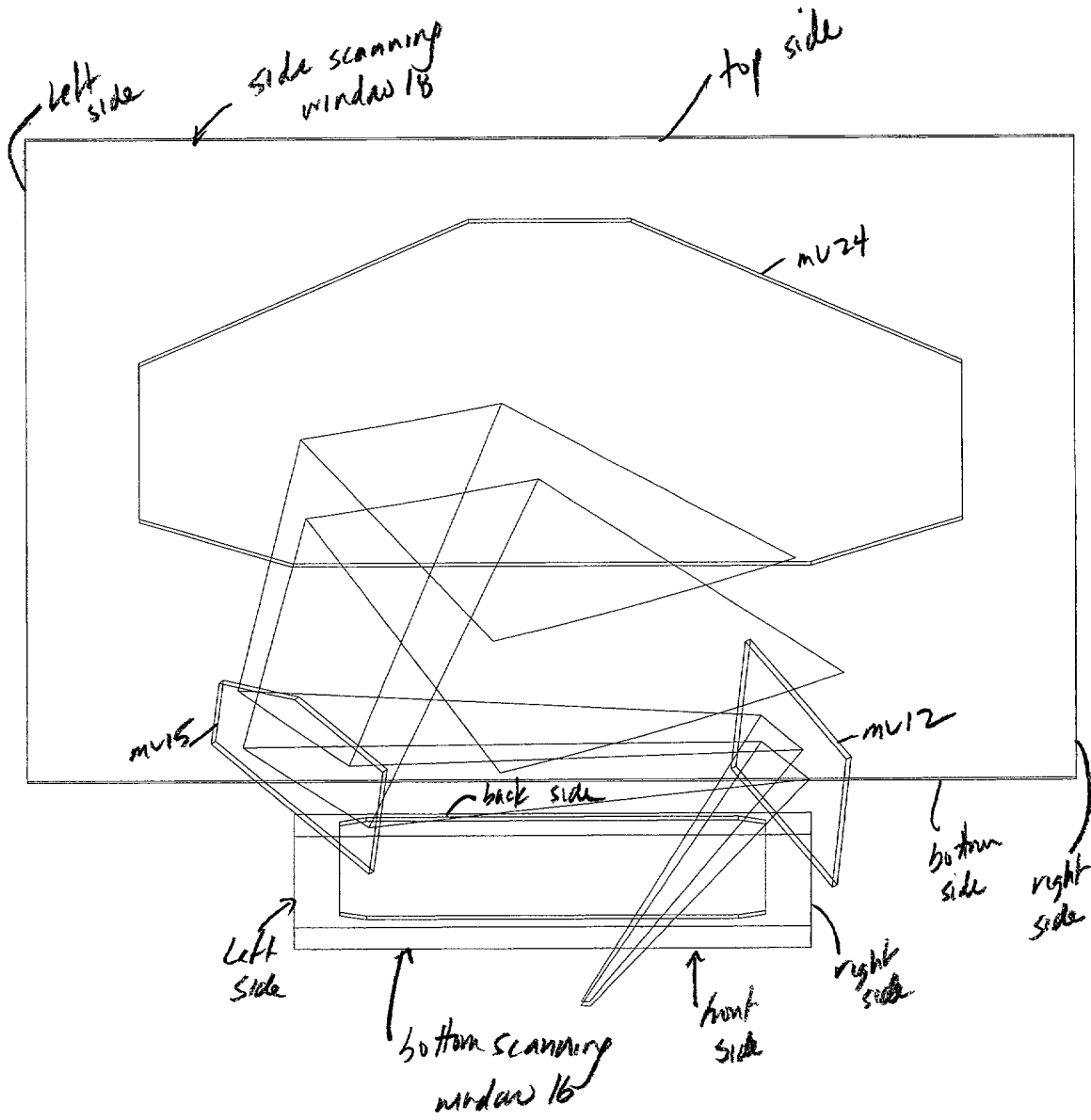
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FIG. 5M2



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FIG. 5N1



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FIG. 5N2

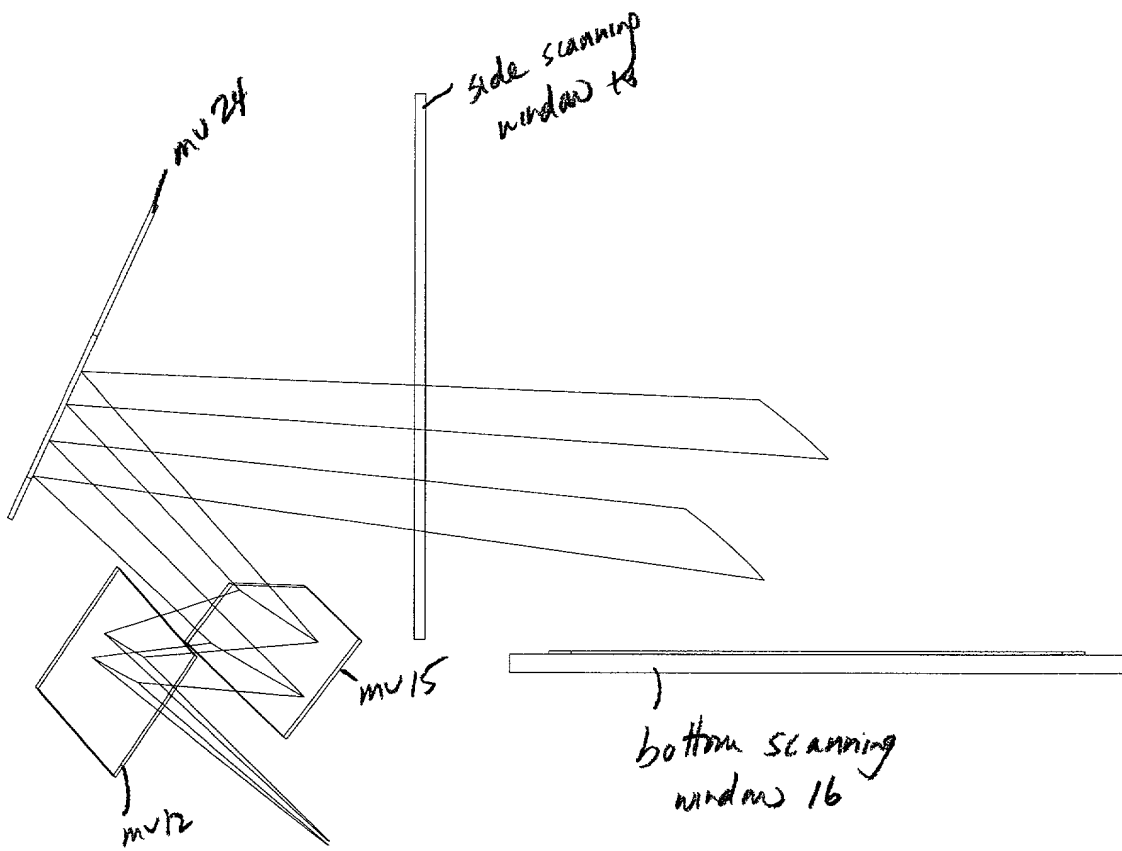
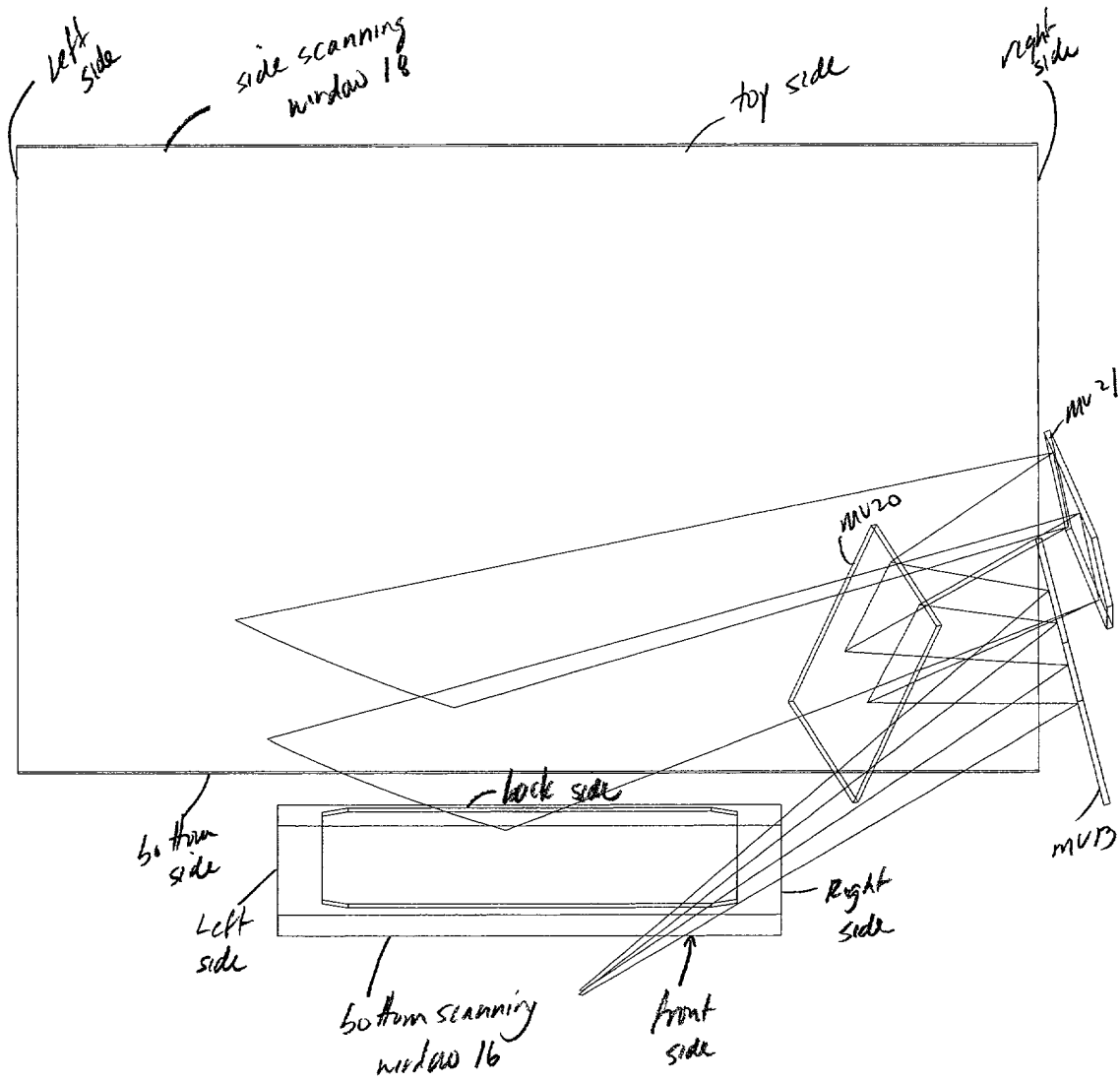
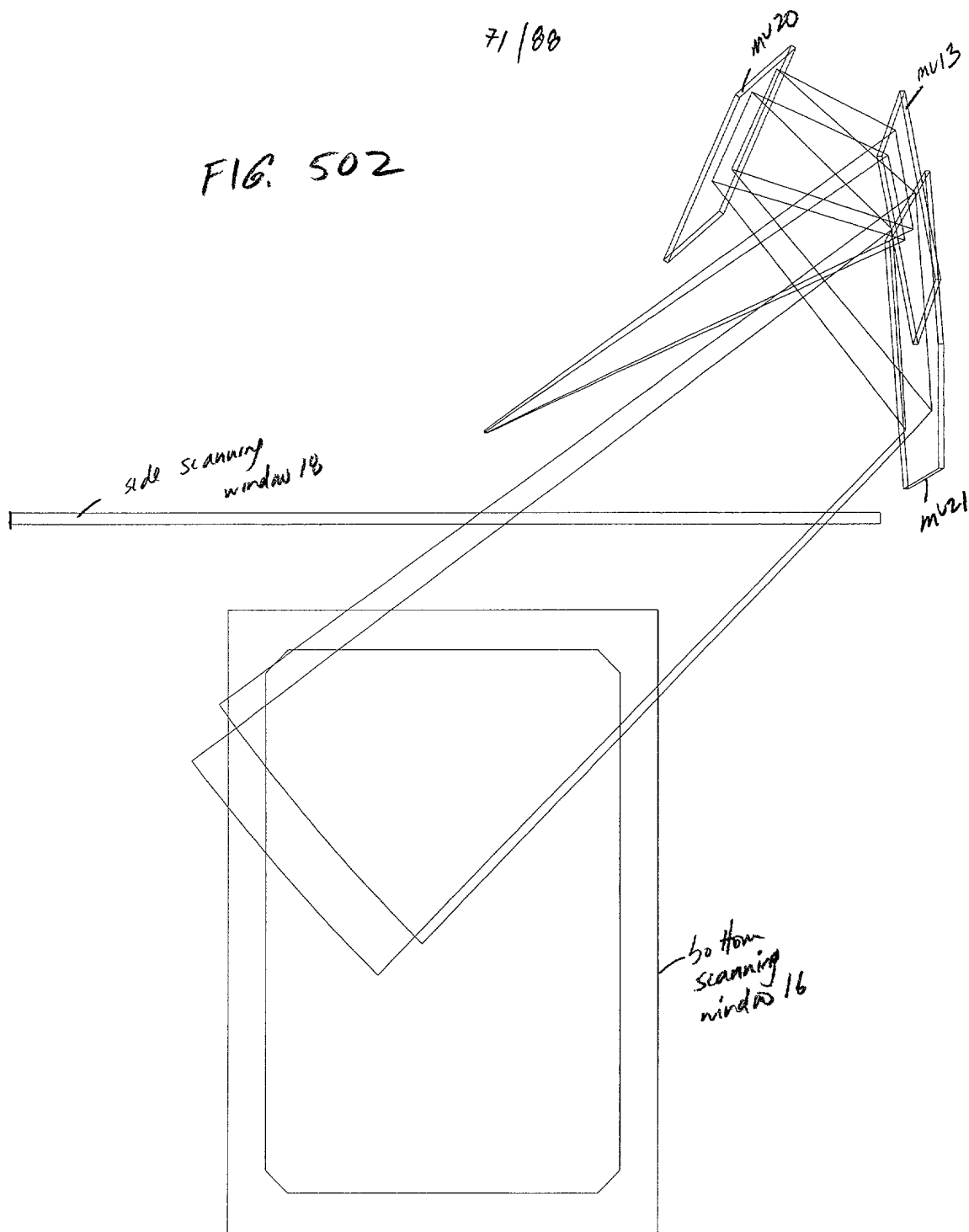


FIG. 501



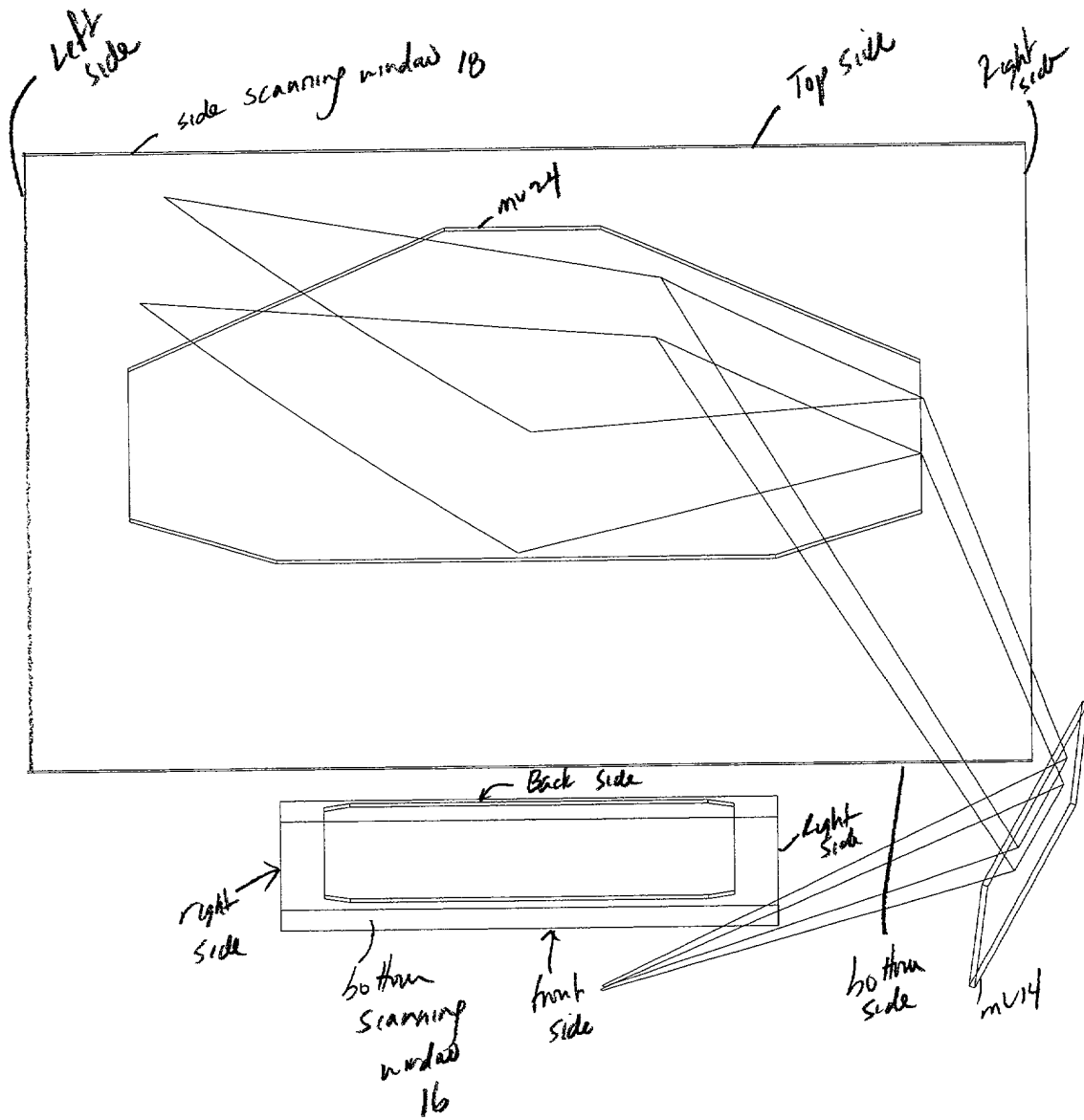
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FIG. 502



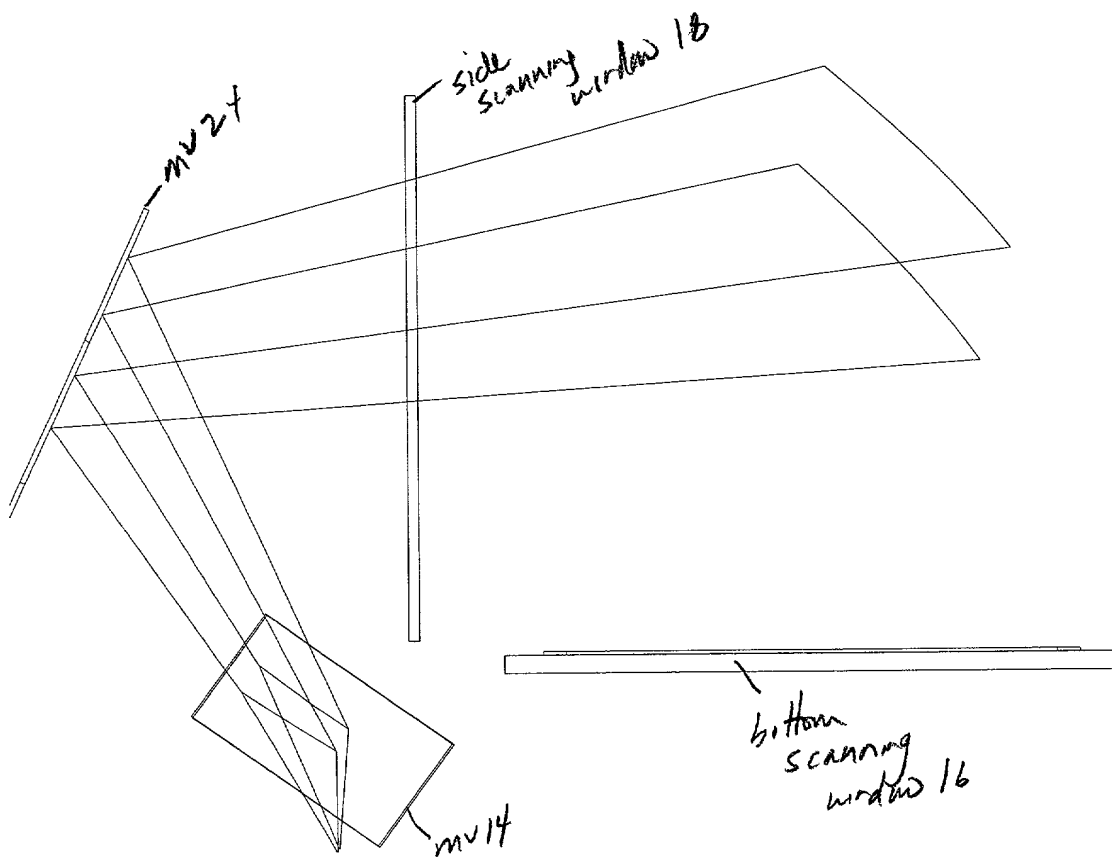
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FIG. 5P1



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FIG. 5P2



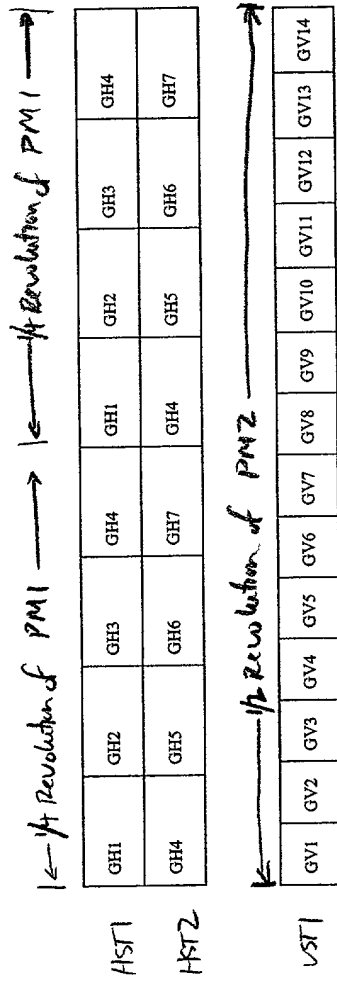


FIG 6

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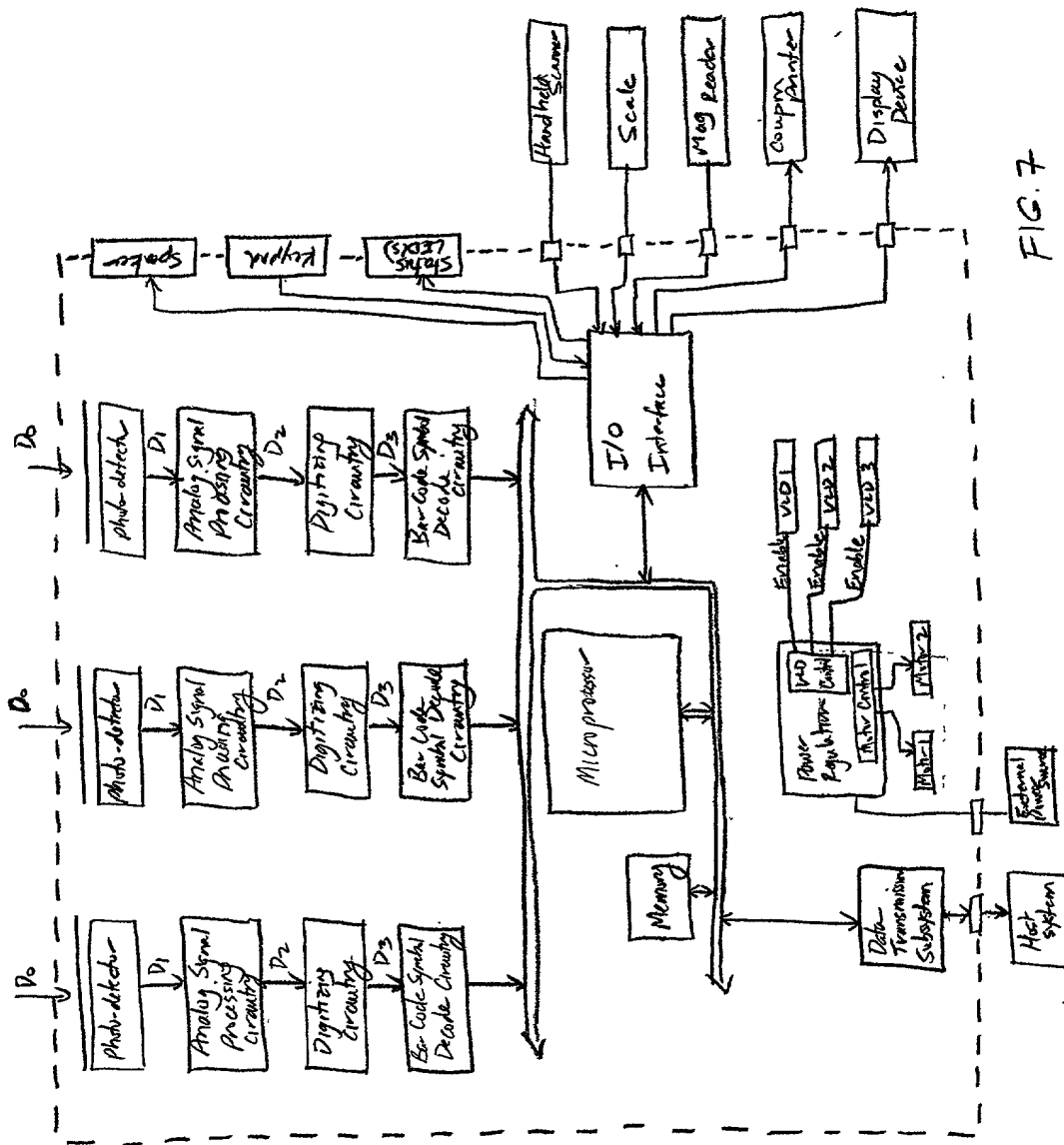


FIG. 7

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FIG. 8A

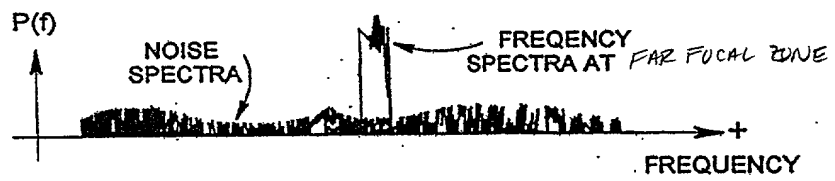
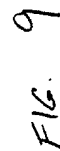
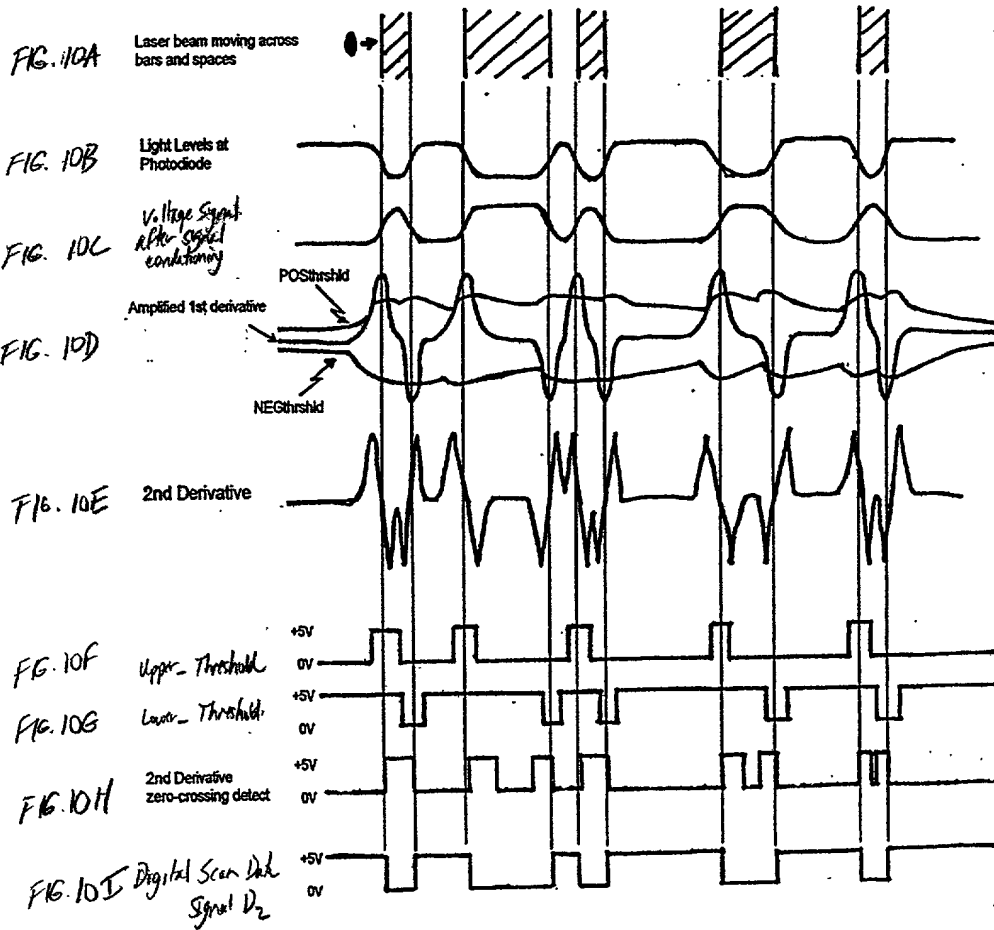


FIG. 8B



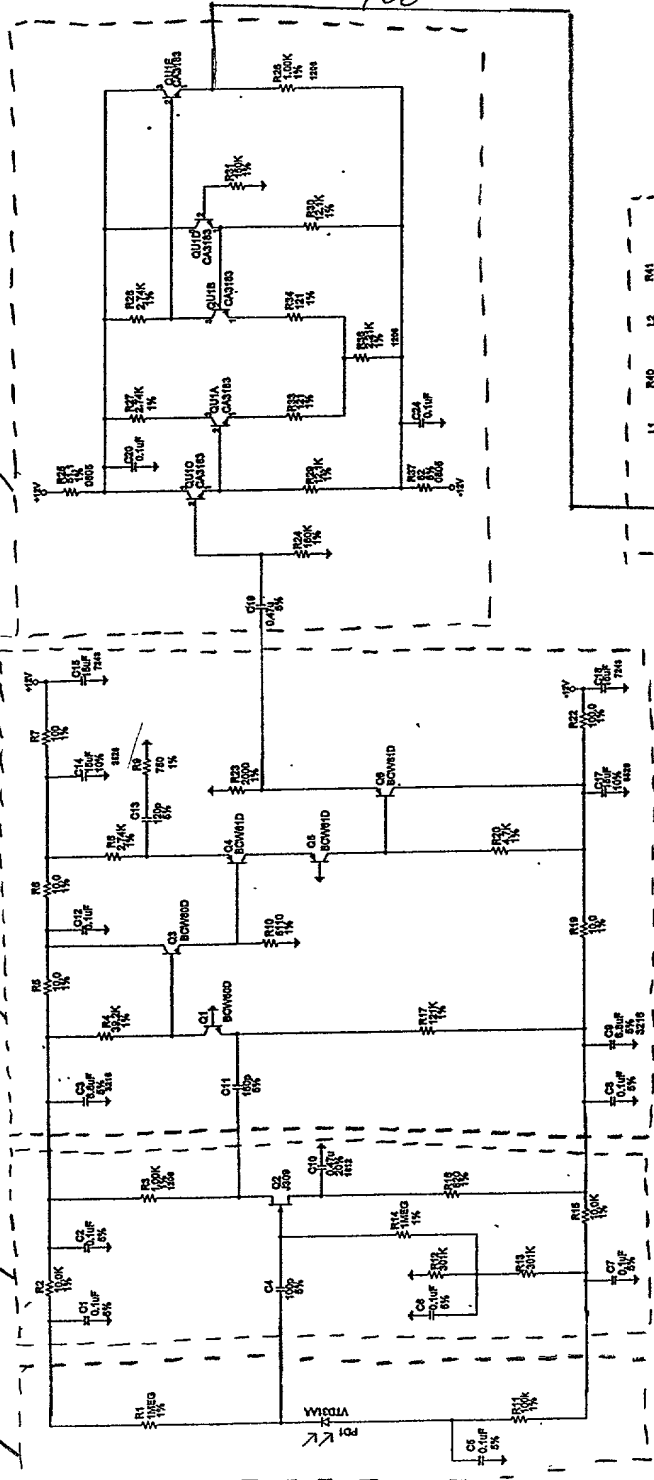
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photo detector
Hot Amp bias
No Amp bias
No Amp bias

Differential Amplifier 1107



analogue
for signal

FIG. 11

Low Pass Filter
1109

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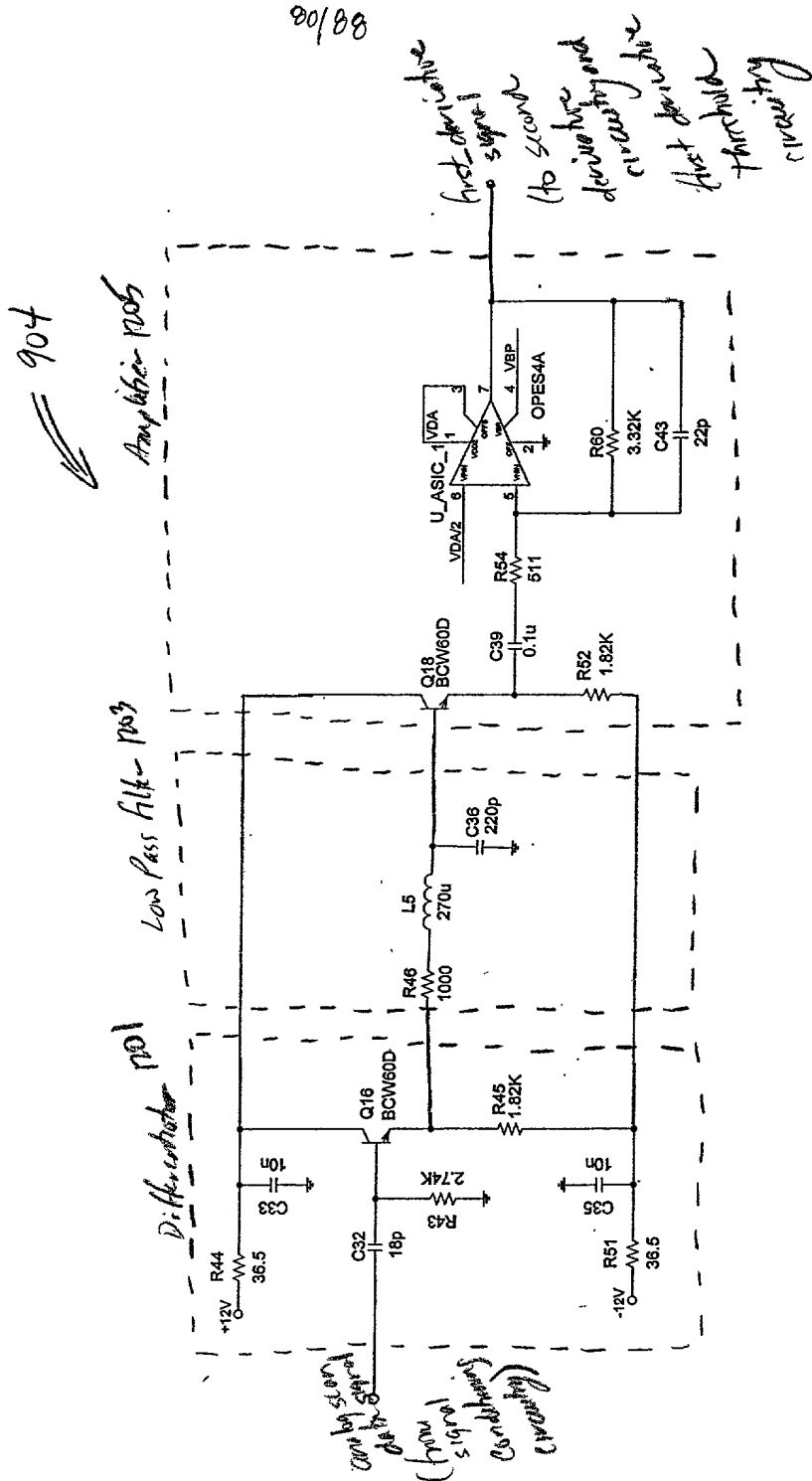


FIG. 12

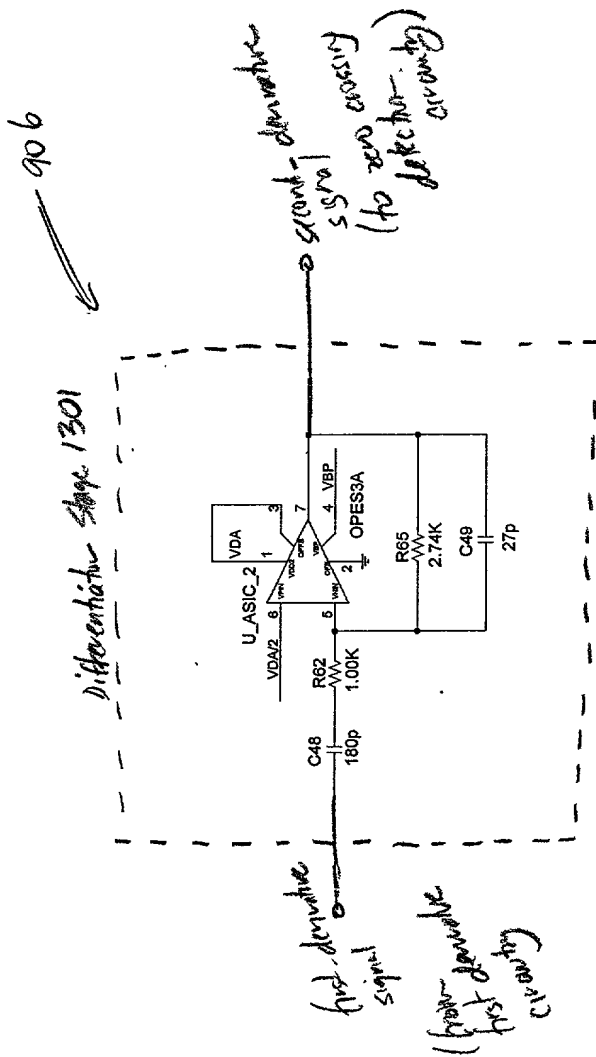


FIG. 13

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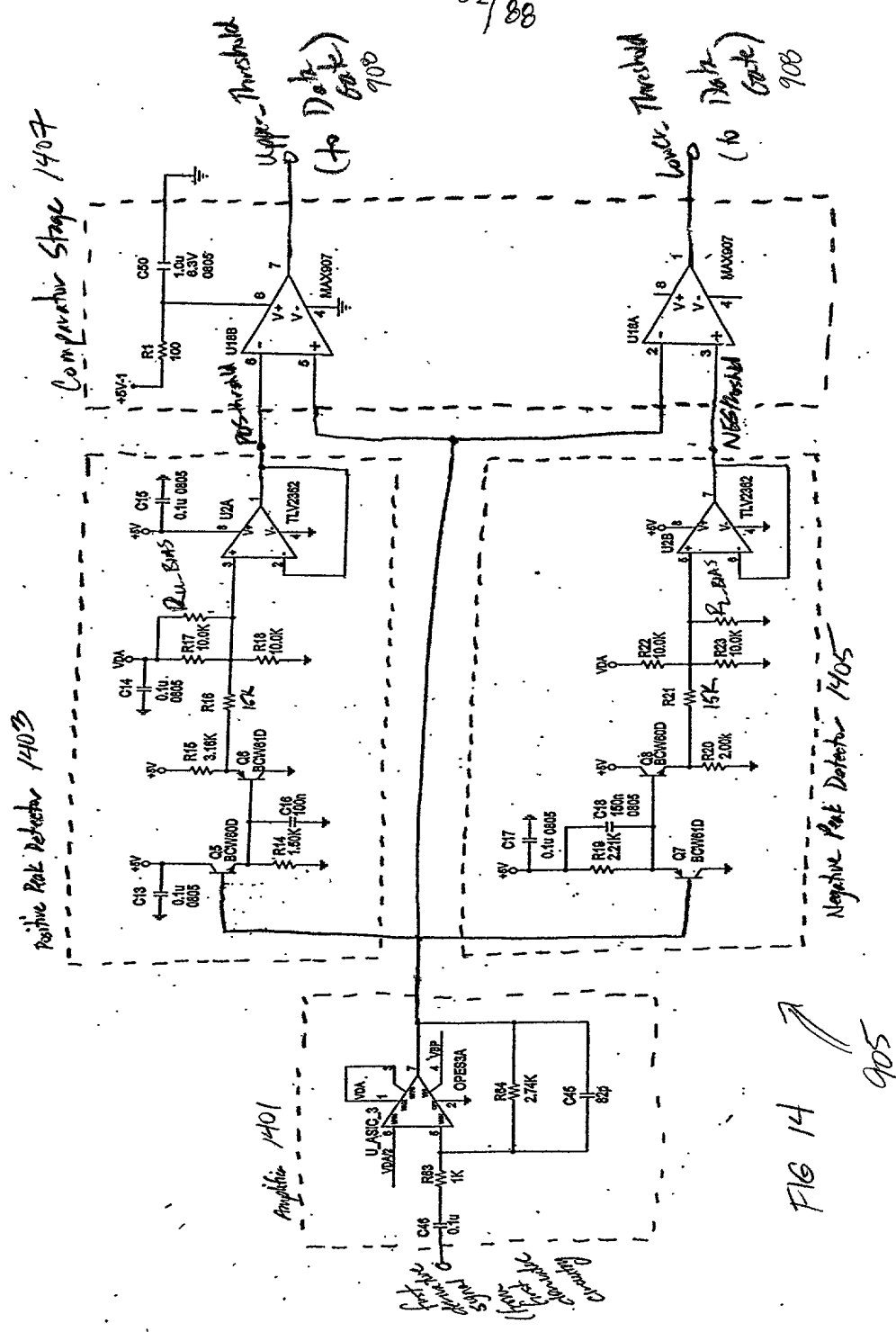
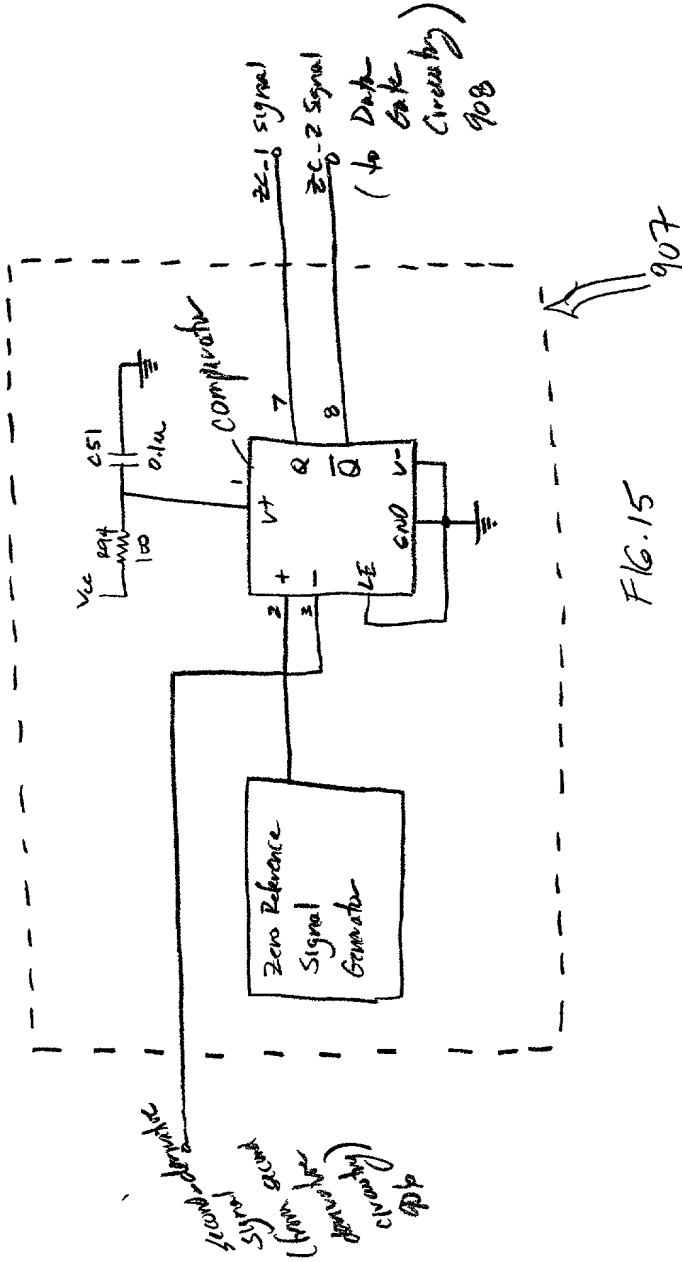


FIG 14

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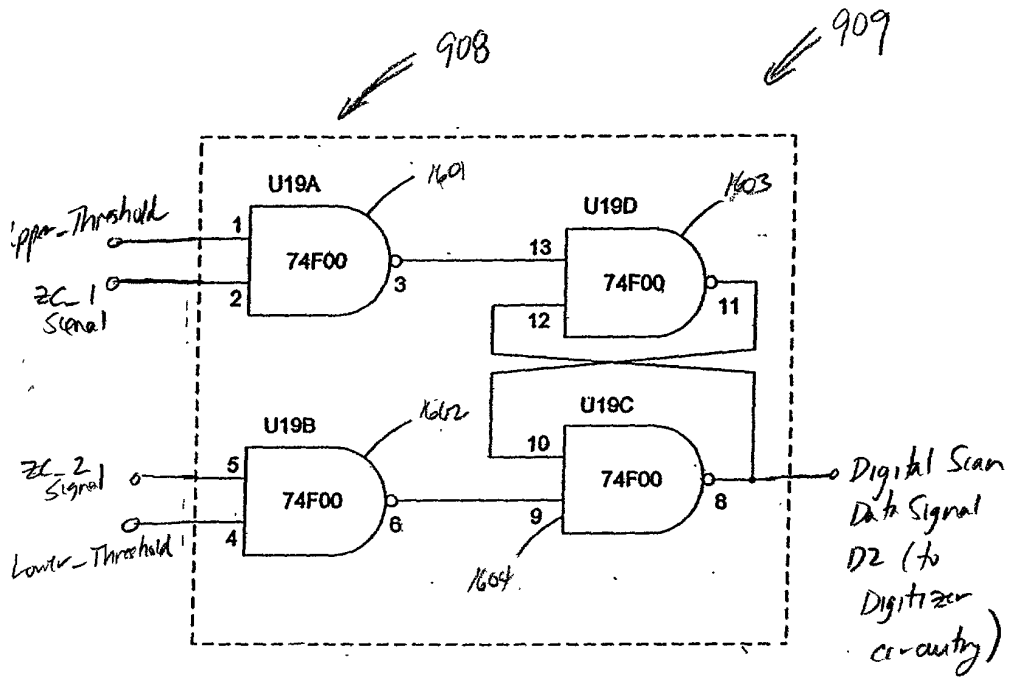


FIG 16

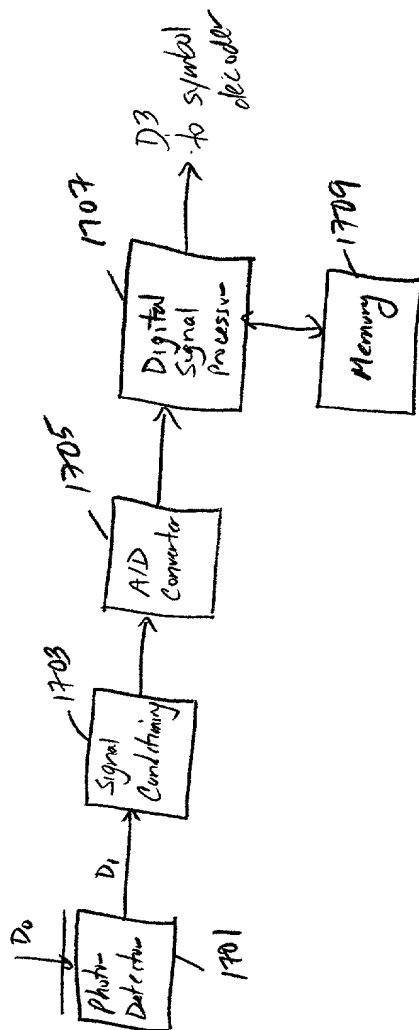


FIG. 17A

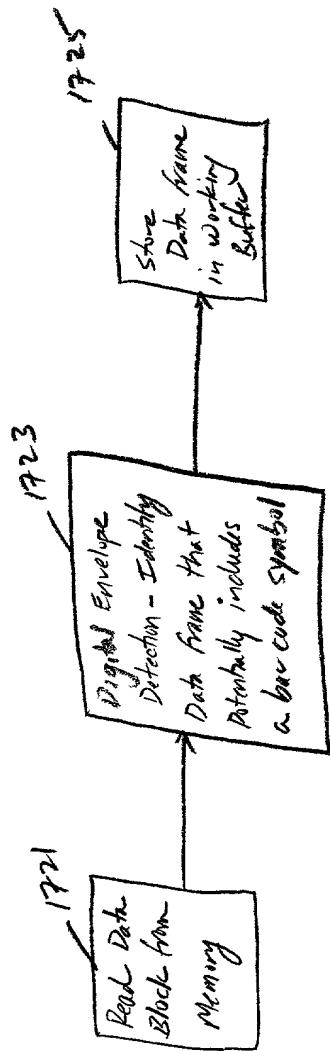


FIG 17B

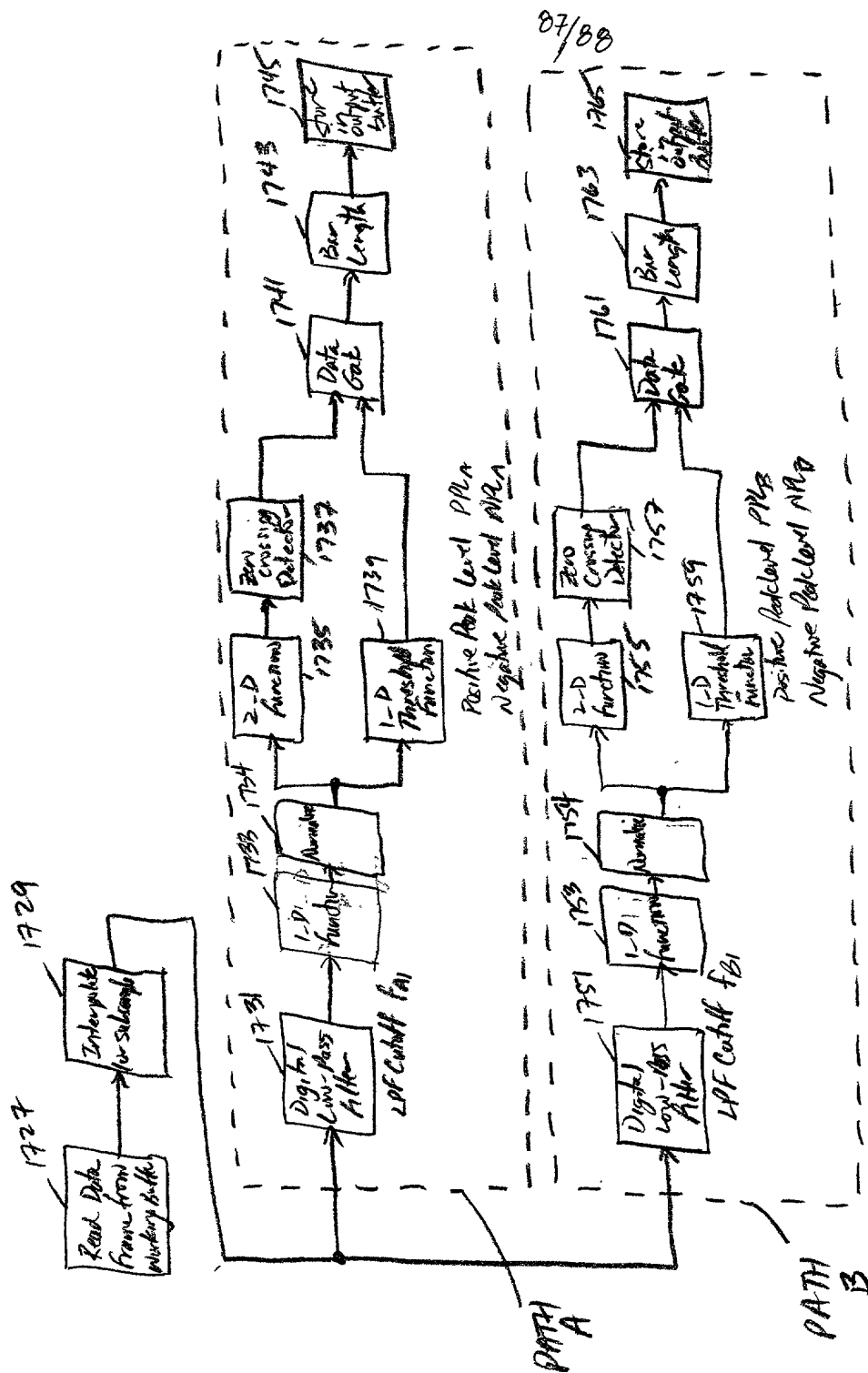


FIG. 17C

